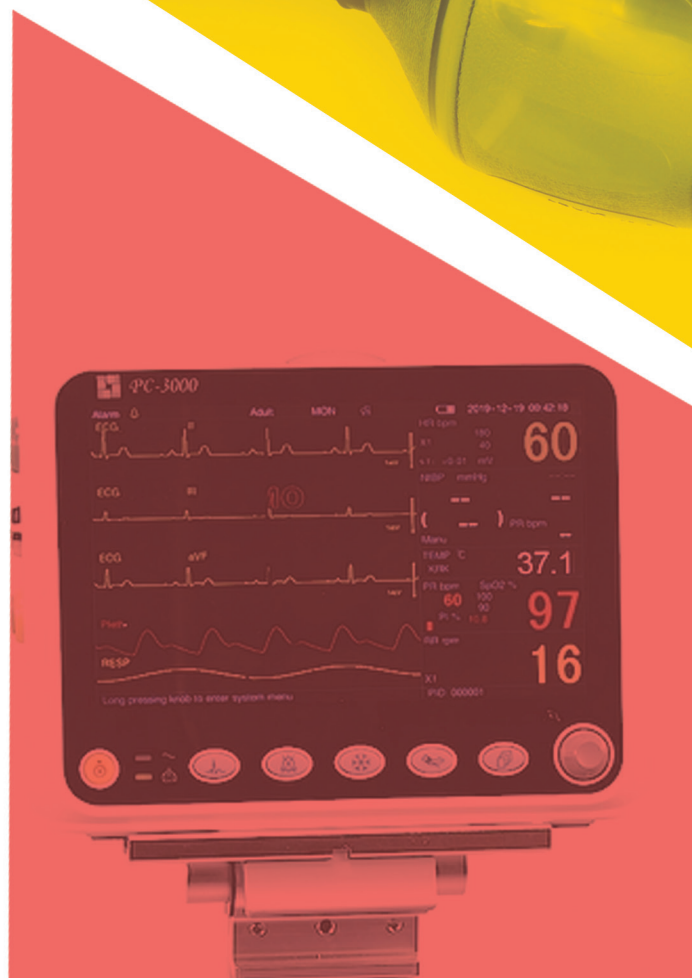




PROACT Medical Ltd

UK Critical Care, Medical & EMS Catalogue



Hello,

PROACT Medical Ltd, established in 1995, is an independent UK based company located in Northamptonshire, UK. We specialise in the manufacturing, distribution and supply of Patient Monitoring, Diagnostic, Airway Management, Anaesthetic and Resuscitation products to the NHS and private organisations. Many PROACT products are supplied into Europe, North America and to the rest of the world via a network of approved distributors.

Our French Sister company PROACT Medical SAS are based near Toulouse and service France and French dependencies. Their website is www.proactmedical.fr.

We work closely with clinicians and Medical Professionals throughout the Healthcare industry to ensure our products exceed the needs of the clinician and patient.

All devices manufactured by PROACT Medical are fully compliant with the relevant requirements of the European Medical Device Regulations MDR 2017/745.

All of PROACT's products are CE manufactured/FDA Approved to exceed the minimum requirements of any global standards. Our operations are supported by a Quality Management System certified to meet the criteria of ISO 13485:2016 and we expect the same from our suppliers.

We are proud of our environmental credentials and utilise a system which has been certified to the International standard ISO 14001. We constantly work to minimise our environmental impact, handling our business in a way that is committed to preserving, protecting and enhancing the environment.

Mission Statement

- Providing an exceptional service by delivering the highest professional standards and we endeavour to exceed expectations.
- Investing in new technology and product development to maximise efficiency and sustainability of both products and systems.
- To ensure we continue to provide ongoing product training for our staff and customers, which allows us to develop and progress our skills further.
- Consistently delivering superior product quality and performance with innovative cost savings and product enhancements.
- PROACT Medical continue to grow and succeed in fulfilling the global communities medical needs. Be assured that we will always strive to maintain your continued support.

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PROACT Medical



How to place an order

Order Online

You can now buy the products you require online. Visit the secure PROACT shop proactmedical.co.uk

By Telephone

Call our Sales Team from 9am-5pm (Mon-Thur) and 9am-4pm (Fri)
Sales: 01536 461981

E-mail

E-mail your orders to us 24 hours a day, 7 days a week
e: orders@proactmedical.co.uk

By Post

Send your order to our Sales Department at the address below:

PROACT Medical Ltd
9-13 Oakley Hay Lodge
Great Folds Road
Corby
NN18 9AS

PLEASE NOTE:

All email /postal orders must include an official NHS or Company Purchase Order Number.
(Please call our Sales or Accounts Departments regarding Credit Terms).

All Prices are in UK Sterling and exclude Delivery Charges and VAT

Delivery Terms

PROACT holds large stocks of both our reusable and disposable products to try to ensure next working day delivery (for orders received before 2pm). As well as direct supply they are also available via various distribution networks such as NHS Supply Chain etc.

In the event we are temporarily out of stock of an item, we will always endeavour to offer an alternative product to ship to you as soon as possible. Our Customer Support team will keep you informed of your order's progress along the way.

Free of Charge Delivery

Any NHS UK mainland orders over £100.00 nett value are shipped free of charge via insured next day courier or if a pallet, two day delivery. Please contact us for Northern Ireland and outlying islands etc.

1st Class Post

From £5.00 (low value items only, strictly at customer's own risk).

Next Day Courier

From £9.50 (including insurance and proof of delivery).

Emergency / Same Day Deliveries

Available on request, please call our Customer Service Supervisor (01536 461981).

Return of Goods (RAN Number)

No goods will be accepted for return without a PROACT RAN (Return Authorisation Number). Please contact us to obtain a RAN with your Order Number or Delivery Note number handy.

This procedure usually enables us to resolve any issue you may have over the telephone. If a return is still necessary we use the RAN number to track the goods through our Returns System.

*We reserve the right to apply a minimum 15% re-stocking charge when goods have been ordered incorrectly. Items ordered in error must be returned complete with original, unmarked packaging and manuals suitable for resale as new, or returns may not be accepted.

How to pay for your order

For BACS Payment

Please see invoice or pro-forma for BACS payment details. If in doubt please contact our Accounts Department directly with your Remittance Advice so that we can process your payment correctly.

By Cheque - Please make payable to "Proact Medical Ltd" and send to:
9-13 Oakley Hay Lodge, Great Folds Road, Corby, NN18 9AS. Please remember to state which invoice(s) your cheque corresponds to. Items will be dispatched when payment is received/cleared.

For Credit Card Payments

Call our Sales Team on 01536 461981 and we will process your payment (sorry, we don't accept American Express).



Customers may contact our Accounts Department to request a new Customer Account Form or apply for a Credit Account facility.

Please quote our Part Number and Description on your order. Contact your in office Customer Service Advisor for advice and/or a quotation.

By placing an order you are deemed to agree to our Terms and Conditions, please see the rear of the catalogue for the full T&Cs. If purchasing from the Website, please see specific Website T&Cs. This does not affect your statutory rights.

Limited 30 Day Money Back Guarantee

To minimise the pass-on costs of Trials, Demonstrations and Demonstration Equipment for all our customers, PROACT Medical Ltd only supply the highest quality products and recommend that customers take advantage of our 30 Day Money Back Guarantee. Please do however read the conditions of this offer below.

PROACT Medical offer this 30 day (from dispatch date) guarantee to customers only under the following conditions

The customer has not undertaken a demo / trial prior to purchasing.

The customer returns the product AS NEW complete with original, unmarked packaging and manuals. Contact us for a Returns RAN number.

The customer has a valid reason for the return - i.e the product does not function as described (See RAN section).

PROACT may deduct the original cost of shipping from any refund if products were sent free of charge.

It's the customer's responsibility to read the product information and check basic suitability PRIOR to ordering. If in any doubt, please call one of our Product Specialists (01536 461981) to discuss your requirements - we will be pleased to assist and ensure you are ordering exactly what you need.

NHS Supply Chain NPC Codes

Many of our products are listed with NHS Supply Chain. These items are listed with an NPC Code== next to the product description.

New products are added to the NHS Supply Chain catalogue regularly so please refer to this for the full listing.

Alternatively, you can call us or visit our website for an up to date list.

proactmedical.co.uk



NHS Supply Chain

Any order placed is done so on the understanding that you fully accept our Terms and Conditions as detailed to the rear of this Catalogue. All prices EXCLUDE Delivery and VAT.

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PROACT Regional Sales Managers

At PROACT, we pride ourselves on direct customer contact. We have Regional Sales Managers across the United Kingdom, as well as Sales Distributors in both Northern Ireland and Eire. All Sales Managers are trained on our full range of products. With years of experience and specialised knowledge, our team are available to offer free of charge training and advice to ensure you always get the best value from the products you choose.

Each Regional Sales Manager works with a dedicated office based Customer Support Advisor to ensure that all communications, quotes and queries are handled as quickly and efficiently as possible. Your Regional Customer Support Advisor will offer you an excellent alternative direct point of contact should you have any enquiries.



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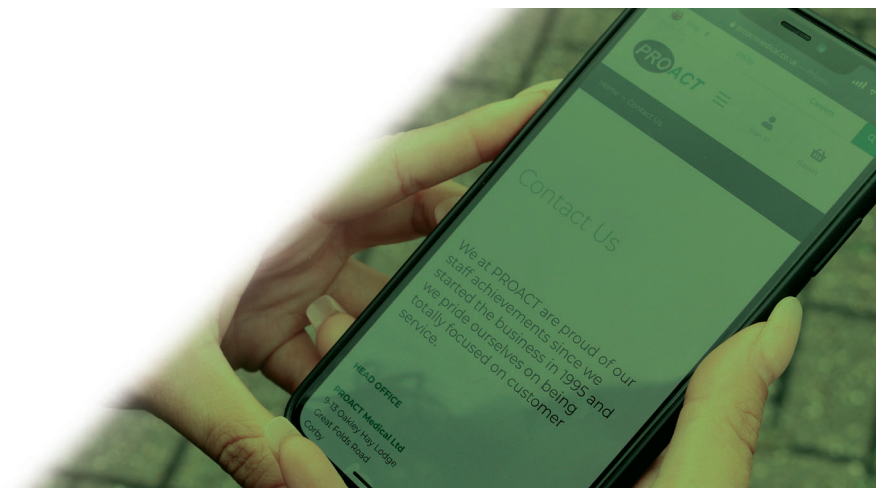
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Celebrating 25 Years!

This year, we celebrate 25 years with many new innovative products and success in new markets. Inward investment keeps us at the leading edge for Regulatory and QA excellence.

PROACT were one of the very first medical companies world-wide to achieve registration to the new Medical Device Regulations (MDR) and ISO 13485:2016.

Our vision and passion will ensure that we keep growing the successful provision of quality products and after sales service to an ever more demanding worldwide market.

Find us online to take advantage of all the special offers and surprises that we have planned for our anniversary.

proactmedical.co.uk

Pulse Oximetry - Clinical accuracy that makes a real difference

What is ISO 80601-20-61 Compliance

The ISO 80601-20-61 international standard, the basic safety and essential performance criteria, both clinical and environmental, to be achieved by Pulse Oximeters. All Nonin Pulse Oximeters are fully type tested (not just designed to comply) and comfortably exceed the requirements of ISO 80601-20-61 to give you the confidence you need.

This key international standard has specific detailed requirements for a wide range of parameters, the most important of which are:

- Pulse oximeter accuracy
- Durability and drop testing
- Basic safety features
- Alarm systems and signal inadequacy indications
- Electromagnetic compatibility
- Vibration, mechanical and noise test
- Fluid ingress to IPX2, cleaning and sterilisation
- Disinfection and biocompatibility
- Full detailed definitions of accuracy testing systems
- Accuracy data analysis and accuracy data presentation



UNIQUE 5 year "Drop Inclusive" warranty cover* No competitor will match us!

PROACT are so confident of the reliability and durability of the Nonin Oximeter professional range that in 2009 we started offering a unique 5 year 'drop inclusive warranty' on Nonin's professional range finger and hand held oximeters. We are STILL the only company to do this!

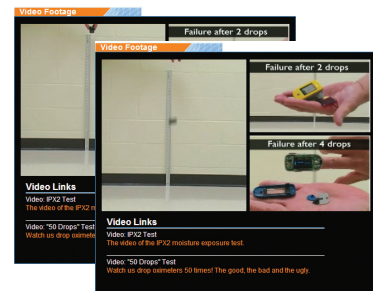
This warranty covers failure of the device in the unlikely event it should cease to operate correctly due to being dropped from a standard use operating height (around 1 metre, but we're not going to quibble). In the event that a unit needs to come back to us, we will provide the option of a free of charge loaner whilst your unit is being repaired free of charge under warranty. (Subject to warranty conditions)

What does this mean to you?

Search PROACT Medical on YouTube for videos showing inferior quality and/or cheap finger oximeters being dropped from 1 metre and breaking very soon after.

- How many times a year do you expect a finger oximeter to be dropped accidentally?
- How much will these replacements, time and hassle cost you over 5 years?
- With a low cost, poor quality oximeter how accurate will the readings be - can you be confident?
- Experience has shown that a Nonin Professional Range Oximeter will very likely still be delivering accurate, dependable service in 10 years time - how much could you save over that time?
- 5 year average failure rates of Nonin Professional Range oximeters are less than 0.5%.

*Official UK product only



Lowest Life Costs Example based on Nonin 9590 (VAT not included)

Our experience has shown that most Nonin Onyx Finger Oximeters give great service for at least 10 years. Take this into account and it's possible to have the accurate dependable Onyx Vantage for less than £15 per year life cost!

5 Year Drop Warranty, with FDA approved motion and low perfusion accuracy claims, along with legendary durability and ease of use.

Free annual check to meet ISO 9001 Calibration Record requirements

PROACT are also offering to conduct a free of charge annual calibration validation check on any in-warranty Nonin Oximeter at our in-house service centre, Corby, UK. For an additional £10.00*, we will also carry out validation checks on any oximeters out of warranty as well as other manufacturer's pulse oximetry if required. Should any out of warranty oximeter fail calibration testing then we will quote estimates for any possible repair and rectification prior to undertaking any further work.

All validated oximeters will receive a certificate which can be used to show compliance with ISO 9001 QA systems. Tests are carried out using the very latest oximetry testing equipment which checks the accuracy of both the sensor and display unit against the manufacturer's original specification.

*ex VAT and carriage

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Pulse Oximetry

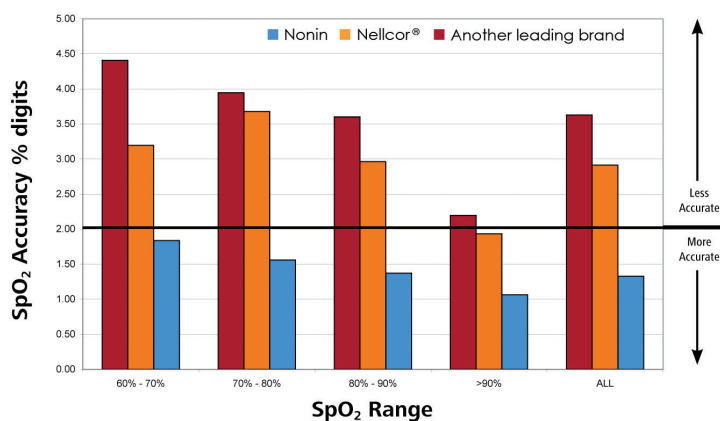
With guidelines from organisations such as the British Thoracic Society now mandating the use of Pulse Oximetry as the “5th Vital Sign” alongside specified tight ranges of target patient oxygen saturation levels for oxygen therapy, can you afford anything but the most accurate Pulse Oximetry?

Reference: BTS Guideline for Emergency Oxygen use in Adult Patients - B R O'Driscoll et al - June 2008

PROVEN accuracy you can act on from industry leading Nonin PureLight® & PureSAT® technology

We believe that using Nonin oximeters is the best way to ensure you're getting clinically proven SpO₂ accuracy, consistency and reliability in the widest range of patients and setting. Containing PureLight® and PureSAT® technology, Nonin Pulse Oximeters offer leading edge precision when compared to other SpO₂ manufactures and against ALL of its major competitors according to several independent studies. Exceptionally accurate, from light skin to dark skin, neonates to adults, with motion and in low perfusion scenarios, Nonin pulse oximetry systems are uncompromising. Nonin, the inventors of finger oximetry have sold millions of finger oximeters globally and are, to date, the only finger oximeters to have FDA accepted claims of accuracy with low perfusion and during motion.

Please visit proactmedical.co.uk/nonin for videos showing comparative real time accuracy of Nonin products vs competitors under various conditions.

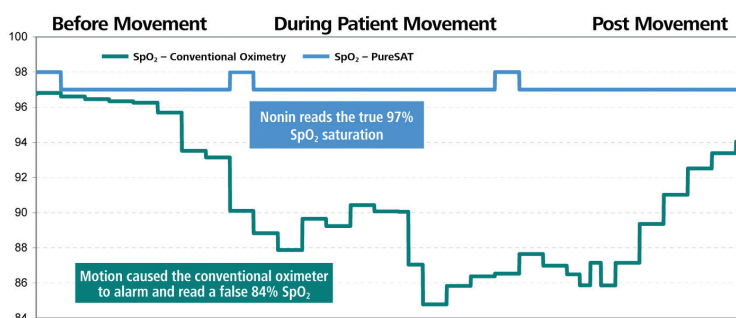
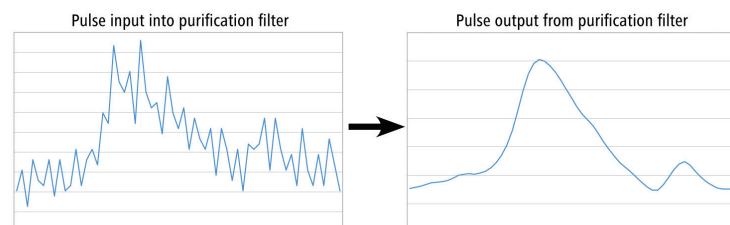


Dark Skin Pigmentation Study Accuracy Summary Group

Nonin demonstrates superior accuracy in the most challenging conditions such as dark skin pigmentation. See the study of the effects of oximeter probe type by John Feiner, et al Anesthesia & Analgesia, December, 2007 for the full results.

Low Perfusion and Motion Nonin PureLight® and PureSAT® working in partnership for longstanding clinical accuracy

It is critical that the input signal of any monitoring system is as clean and as reliable as possible. Therefore Nonin use proprietary narrow band emission PureLight® LEDs to give accurate and long term consistent input signals. This simplifies the subsequent removal of any remaining noise artefact, which is crucial to an oximeter's ability to accurately assess SpO₂ in low perfusion and during motion. Nonin PureSAT® technology employs powerful bespoke filtering to achieve dependable, proven accuracy in low perfusion and motion.



Motion Tolerance

Comparison of Nonin PureSAT® technology vs conventional oximetry during a patient movement event. PureSAT®'s next generation signal processing locates the true pulse in motion.

proactmedical.co.uk

Nonin PureSAT® smart technology automatically adjusts to each patient's condition with three second averaging or less for quick, reliable readings on adult, paediatric, infant and neonate patients.

For further clinical studies, videos and product information visit our website at www.proactmedical.co.uk. Visit our website and see videos on the PROACT Medical YouTube Channel.



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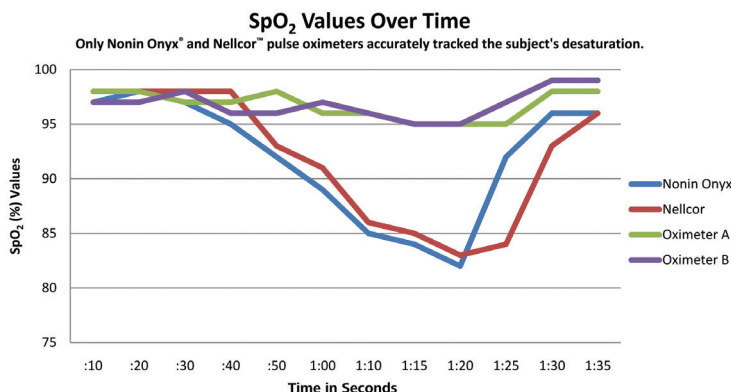
See the Proof - PROACT Medical YouTube Performance Comparison

Nonin pulse oximeters are scientifically proven to be accurate in the most challenging of cases. In an independent study conducted by Clinimark Clinical Testing & Validation Services, three finger pulse oximeters and one tabletop pulse oximeter were attached to a subject and for the first minute, a commercially available re-breather was used to induce hypoxia.

As the chart below illustrates, only the Nonin Onyx and Nellcor pulse oximeters were found to have significantly superior accuracy, correctly tracking the subject's desaturation down to 81-82% SpO₂, and back up to 96% SpO₂. We leave you to make your own mind about the clinical acceptability of the other two representative pulse oximeters, A and B.



SpO ₂ Values Over Time												
	0:10	0:20	0:30	0:40	0:50	1:00	1:10	1:15	1:20	1:25	1:30	1:35
Nonin Onyx	97	98	97	95	92	89	85	84	81	92	96	96
Nellcor	98	98	98	98	93	91	86	85	82	84	93	96
Oximeter A	98	98	97	97	98	96	96	95	95	95	98	98
Oximeter B	97	97	98	96	96	97	96	95	95	97	99	99



See the Proof

View the video of the performance comparison, as well as further studies and technical reports, for yourself at: proactmedical.co.uk/nonin

Fingertip Pulse Oximeter Performance in Dyspnea and Low Perfusion During Hypoxic Events

P.B Batchelder, RRT, LRCP, Clinimark Laboratories, Boulder, Colorado

CLIMARK, LLC - CLINICAL TESTING AND VALIDATION SERVICES FOR MEDICAL DEVICES

Clinimark is an independent laboratory whose purpose is to provide impartial research and clinical laboratory testing for medical device development and FDA regulatory validation in invasive and non-invasive monitoring intended for the medical setting. Clinimark is actively involved with standards organisations, such as the ATSM, ISO and IEC, working with the FDA in development of worldwide harmonised pulse oximetry standards

OXIMETER PERFORMANCE COMPARISON TEST DESIGN

Clinimark conducted a test on human subjects in which they induced conditions typical of a COPD patient with low pulse strength, dyspnea, experiencing a desaturation or hypoxic event. They then tested devices from three manufacturers to see which ones would track the hypoxic event.

TEST METHODOLOGY

- An arm of each subject was cooled with cold air to reduced blood circulation and create a low pulse strength condition
- Multiple desaturation events were induced along with dyspnea (laboured breathing)
- A Nonin oximeter along with a Beijing Choice or Contec Medical Fingertip Pulse Oximeter and a reference device were placed on the test hand
- A Nellcor N600x Tabletop Oximeter was used as the reference device.

Download the full paper and see video evidence at proactmedical.co.uk/nonin

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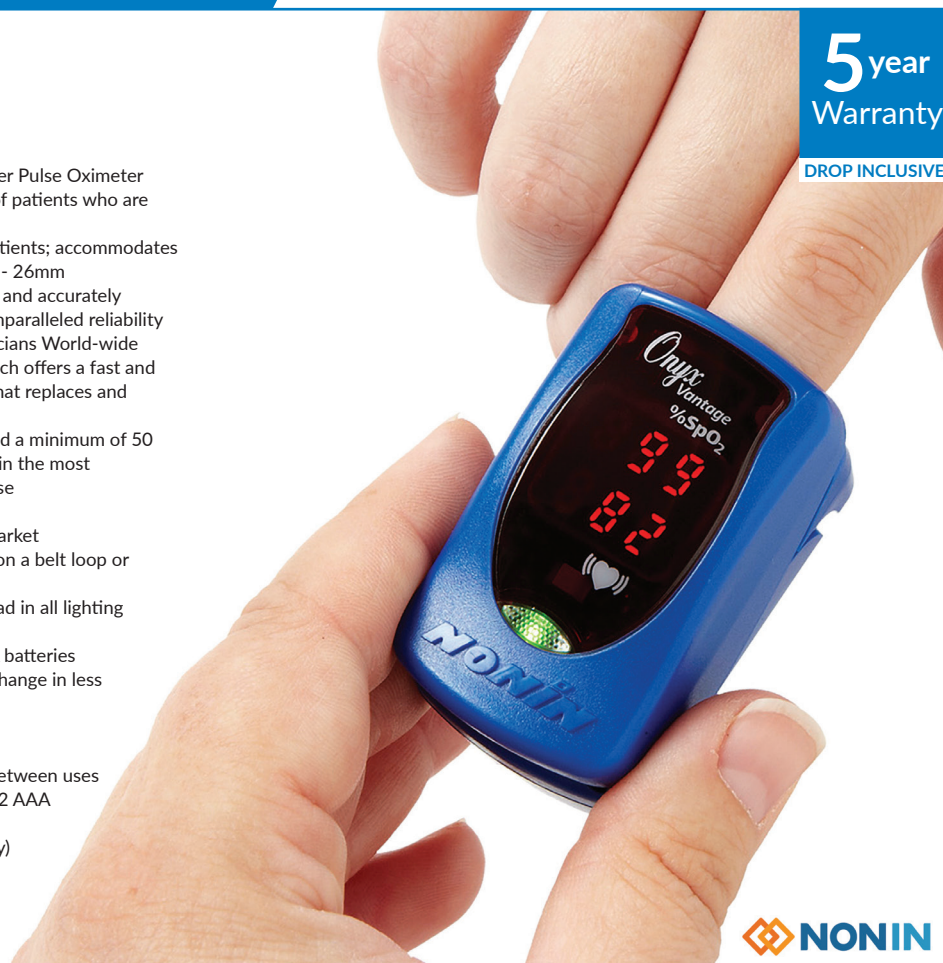
Pulse Oximetry

Nonin 9590 Onyx Vantage Finger Pulse Oximeter

**5 year
Warranty**

DROP INCLUSIVE

- Professional, lightweight and portable Advanced Finger Pulse Oximeter indicated for use in measuring SpO₂ and Pulse Rate of patients who are well or poorly perfused
- Intended for Spot-checking of adult and paediatric patients; accommodates fingers, thumbs and toes with digit thicknesses: 8mm - 26mm
- Automatically adjusts from adult to paediatric quickly and accurately
- Nonin PureLight® and PureSAT® technology gives unparalleled reliability and accuracy which is trusted by Hospital / EMS clinicians World-wide
- Features the unique Nonin pulse quality indicator which offers a fast and simple "Green is Good" assessment of signal quality that replaces and removes the need for a plethysmographic waveform
- Proven durability - 9590 is tough enough to withstand a minimum of 50 drops from 1 metre and is rugged enough to be used in the most demanding situations. IP rating IP32 without carry case
- Auto ON / OFF when finger is inserted / removed
- Simplest, most user friendly Pulse Oximeter on the market
- Compact enough to carry at all times in your pocket, on a belt loop or neck lanyard and weighs only 60g
- The clear LED display is clinician facing and can be read in all lighting conditions, day or night
- Highly efficient with 6000 spot checks from two AAA batteries
- Simple Battery holder system allows no tool battery change in less than 15 seconds
- No routine maintenance or calibration required
- ISO 80601-2-61:2017 Compliant
- Easy to clean - Oximeter can be easily wiped down between uses
- Supplied with free of charge carry case, lanyard and x2 AAA Alkaline batteries
- Covered by a 5 year drop inclusive warranty (Unit only) for UK official product



NONIN

Part No.	NPC	Description	Colour	Qty	Price
9590-BL	FBC959	9590 Onyx™ Vantage Finger Pulse Oximeter Includes Cushioned Carry Case, Neck Cord, 2x AAA Battery and User Manual.	Blue	Single	£149.00
9590-RD	FBC960	9590 Onyx™ Vantage Finger Pulse Oximeter Includes Cushioned Carry Case, Neck Cord, 2x AAA Battery and User Manual.	Red	Single	£149.00
9590-BK	FBC134	9590 Onyx™ Vantage Finger Pulse Oximeter Includes Cushioned Carry Case, Neck Cord, 2x AAA Battery and User Manual.	Black	Single	£149.00

Please call for latest volume discount offers - We will not be beaten on price!

Please note that we supply only OFFICIAL UK Nonin Onyx products, which come with full local customer support and training plus our unique 5 YEAR DROP WARRANTY



The Onyx 9590 (along with all other Handheld and Finger Pulse Oximeters from the professional range) come with a 5 Year Drop Inclusive Warranty. Nonin Pulse Oximetry gives peace of mind, long term clinical accuracy, durability and lowest possible life costs.

In addition to the usual warranty, the 'Drop Warranty' also covers failure should the device cease to operate due to being dropped from a standard operating height. Please see www.proactmedical.co.uk for full terms and conditions. See page 8 for full details.

proactmedical.co.uk

Nonin 9550 Onyx II Finger Pulse Oximeter

**5 year
Warranty**

DROP INCLUSIVE

- Extremely robust unit built to MIL standards and military field tested for durability in the toughest environments. Includes reduced infra-red light emissions for front line military use. IP rating IP33 without carry case
- US Army and US Airforce Aeromedical certified for helicopter use.
- Professional, small, lightweight and portable Advanced Finger Pulse Oximeter indicated for use in measuring SpO2 and Pulse Rate of patients who are well or poorly perfused
- Intended for Spot-checking of adult and paediatric patients; accommodates fingers and thumbs with digit thicknesses: 8mm - 26mm.
- Automatically adjusts from adult to paediatric quickly and accurately.
- Features the unique Nonin pulse quality indicator which offers a fast and simple "Green is Good" assessment of signal quality this replaces and removes the need for a plethysmographic waveform
- Nonin PureLight® and PureSAT® technology gives unparalleled reliability and accuracy which is trusted by Military / Hospital / EMS clinicians World-wide
- The clear LED display can be read in any environment, in any light
- Auto ON / OFF when finger is inserted / removed
- Auto turn off mechanism allows for 2,500 spot checks
- Battery shelf life is 4 years for storage/incident pods
- Simplest, most user friendly Pulse Oximeter on the market and compact enough to carry at all times, only weighs 60g
- Simple Battery holder system allows no tool battery change in 15 seconds
- ISO 60601-1-2 compliant
- Easy to clean – Oximeter can be easily wiped down between uses
- Supplied with free of charge carry case, lanyard and x2 AAA Alkaline batteries
- Covered by a 5 year drop inclusive warranty (Unit only) for UK official product



NONIN

Part No.	NPC	Description	Qty	Price
9550	FBC135	9550 Onyx II™ Finger Pulse Oximeter with Soft Carry Case Includes FREE Cushioned Carry Case, Lanyard, 2x AAA Battery and User Manual.	Single	£229.00
9550J	---	9550 Onyx II™ Finger Pulse Oximeter with Justice Hard Case As above but Includes Justice Mark II Hard Case	Single	£253.00

Nonin Finger Pulse Oximeter Accessories Compatible with 9590, 9550 or 9500

- We offer a range of accessories designed for use with Nonin Finger Pulse Oximeters including the Justice Mark II hard carry case (pictured)



Part No.	NPC	Description	Qty	Price
9500CC-P	---	Cushioned Black Carry Case for original Nonin Finger Oximeters - PROACT Branded	Single	£4.95
9500CC-N	---	Cushioned Black Carry Case for original Nonin Finger Oximeters - Nonin Branded	Single	£4.95
9500-JM2-CC	---	Justice Mark II Hard Case for original Nonin Oximeters	Single	£28.17
9500L-BSINGLE	---	Replacement Lanyard for original Nonin 9500 Finger Oximeter - ONLY	Single	£4.40
9500ES-SINGLE	---	External Spring for original Nonin 9500 Finger Oximeter - ONLY	Single	£7.95
9500BD-SINGLE	---	Battery Door with Screw for original Nonin Onyx 9500 Finger Oximeter - ONLY	Single	£11.15
9590-LAN	---	Replacement Lanyard for original Nonin 9590 & 9550 Oximeter	Single	£6.00

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

Pulse Oximetry

5 year
Warranty

DROP INCLUSIVE

Nonin 8500 EMS Series Handheld Pulse Oximeter

- New updated design to meet the latest ISO 60601-2 Edition for EMS Professional Use
- Hugely reliable and durable handheld pulse oximeter suitable for Spot-Check monitoring of SpO2 and pulse rate in Adult to Neonate Patients
- Up to 160 hours battery life, which is the longest of any EMS compliant handheld pulse oximeter
- Features a unique pulse quality indicator which offers a fast and simple assessment of signal quality, replacing the need for a plethysmographic waveform
- Extremely robust and durable unit certified Airworthy by the US Army and US Air Force
- IP Rating IP33 without carry case
- Huge range of reusable, semi-reusable and disposable PureLight® sensors for Adults to Neonates. See page 23
- Adjustable display brightness allows maximised battery conservation
- Easy to clean – Oximeter and Sensor can both be easily wiped down between uses
- Supplied with Adult Soft Sensor, cushioned Carry Case and x6 AA Batteries
- Covered by a 5 year drop inclusive warranty (Unit only) for UK official product

Brand New
Design



Part No.	NPC	Description	Qty	Price
8500N	FBC3817	8500 Digital Handheld Oximeter (No Alarms Model) Includes FREE Cushioned Carry Case, Adult Soft Sensor (1m), Batteries and User Manual	Single	£399.00

Setting the Standard for Reliability. Again.

As an EMS professional, you have high standards for the equipment you use. Now the industry does, too.

The standard known as IEC 60601-2 Edition 4 went into effect on January 1, 2019. All new or updated devices must meet these requirements to be indicated for EMS use. If you have a handheld pulse oximeter, it met existing requirements when you bought it. But the new standard is more demanding in several ways. Now is a good time to check your devices for compliance— and to take a look at the new updated Model 8500 from Nonin

Protection against water ingress

Resistance to electromagnetic interference (RF)

Tolerance of large changes in ambient temperature

Accuracy in motion for low perfusion conditions



Includes a Free Carry case

Nonin 8500 EMS Series Specifications

Oxygen Saturation Display Range		Altitude	
0% to 100% SpO2		Operating	Up to 4000 meters
Pulse Rate Display Range		Power Requirements:	
18 to 321 beats per minute (BPM)		Six 1.5V AA Size Alkaline Batteries	
Accuracy - Sensors		100 hours maximum display brightness	
Declared accuracy data for compatible sensors can be found in Nonin's Sensor Accuracy document (see nonin.com for details)		160 hours with normal display brightness	
Measurement Wavelengths and Output Power		Dimensions	
Red: 660 nanometers @ 0.8mW maximum average		8 x 15 x 2.5cm	
Infrared: 910 nanometers @ 1.2mW maximum average		Weight	
Indicators		280g with batteries	
Pulse Quality Indicator	LED, Tricolour	Classifications per IEC 60601-1	
Numeric Displays	3 digit, 7-segment LEDs, red	Type of protection	Internally powered (on battery power)
Temperature		Degree of protection	Type BF-Applied Part
Operating	-20 + 40°C	Mode of operation	Continuous
Storage / Transportation	-40 to +70°C	Enclosure Degree of Ingress Protection	
Operating time	10 hours	IP33 - without case	
Humidity		Certification	
Operating	10% to 90% non-condensing	Certified Airworthy by the US Army and US Air Force	
Storage / Transportation	10% to 95% non-condensing		

Nonin Handheld Pulse Oximeter Accessories Compatible with 8500 Monitors

Part No.	NPC	Description	Qty	Price
HH-CC	---	Deluxe Nonin Carry Case for Hand Held Monitors - Black reinforced	Single	£39.95
2500C-PRO	---	Carry Case, Black Cushioned for Nonin 2500, 8500 Series Monitors	Single	£29.95
8500RB	---	Protective Rubber Bumper for Nonin 8500 Series	Single	£35.00
8500PMS	---	Pole Mounting System for Nonin 8500 - Use with 8500MB Bracket	Single	£130.00
8500MB	---	Mounting Bracket Only for use with Nonin 8500 Series	Single	£55.00
1293-000	---	Small Battery Door for Nonin 8500 Units - (35mm x 18mm, pre 2008 units)	Single	£25.00
5081-001	---	Large Battery Door for Nonin 8500 Units - (75mm x 55mm, 2008 onwards)	Single	£12.95
1000MC	---	Data Download Cable with Serial Port for Nonin 2500, 8500 Series Models	Single	£72.80
1000RTC	---	Real Time Data Download Cable with Serial Port for Nonin 2500, 8500 Series Models	Single	£89.70
1000USB	---	USB Adapter with 2m Cable for Nonin 2500, 8500 Series Monitors	Single	£89.70

Pulse Oximetry

Nonin 2500 / 2500A PalmSAT Handheld Pulse Oximeter

**5 year
Warranty**

DROP INCLUSIVE

- Compact and lightweight handheld pulse oximeter designed to monitor SpO₂ and Pulse Rate in Adult to Neonate Patients. Available with or without alarms
- Features the unique Nonin pulse quality indicator which offers a fast and simple "Green is Good" assessment of signal quality this replaces and removes the need for a plethysmographic waveform
- Nonin PureLight® and PureSAT® technology gives unparalleled reliability and accuracy which is trusted by Military / Hospital / EMS clinicians World-wide
- Simple to use two button operation and intuitive user interface with large red LED display which can be read in all conditions
- Extremely robust and durable unit certified Airworthy by the US Army and US Air Force. IP rating: IP32 without carry case
- For added durability the 2500 features a built in rubber bumper and comes with a free cushioned carry case
- Up to 80 hours of battery life (x4 AA Alkaline batteries or 40 hours on optional NiMH rechargeable battery back)
- 72 hours memory as standard. Compatible with the nVision Data Analysis and Stowood software
- Huge range of reusable, semi-reusable and disposable PureLight® sensors for Adults to Neonates. See page 23
- Easy to clean – Oximeter and Sensor can both be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor, Cushioned Carry Case and x4 AA Batteries
- Covered by a 5 year drop inclusive warranty (Unit only) for UK official product



2500C-UNIV sold separately

**Free Carry
Case**



NONIN

Part No.	NPC	Description	Qty	Price
2500	FBC136	2500 PalmSAT with memory Includes FREE Cushioned Carry Case, Adult Soft Sensor (1m), Batteries and User Manual	Single	£449.00
2500A	FBC137	2500A PalmSAT with user adjustable alarms and memory Includes FREE Cushioned Carry Case, Adult Soft Sensor (1m), Batteries and User Manual	Single	£499.00

Nonin Handheld Pulse Oximeter Accessories Compatible with PalmSAT Monitors

Part No.	NPC	Description	Qty	Price
HH-CC	---	Deluxe Nonin Carry Case for Hand Held Monitors - Black reinforced	Single	£39.95
2500C-PRO	---	Carry Case, Black Cushioned for Nonin 2500, 8500 Monitors	Single	£29.95
2500C-UNIV	---	NiMH Charger Stand Kit (complete) for Nonin PalmSAT Models	Single	£200.00
2500B	---	NiMH Battery Pack for use with 2500 Charger Stand	Single	£55.75
1000MC	---	Data Download Cable with Serial Port for Nonin 2500, 8500 9840 Series Models	Single	£72.80
1000RTC	---	Real Time Data Download Cable with Serial Port for Nonin 2500, 8500 Series Models	Single	£89.70
1000USB	---	USB Adapter with 2m Cable for Nonin 2500, 8500 Series Monitors	Single	£89.70

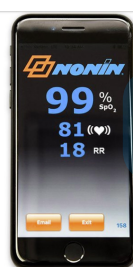
Nonin 2500 Series Specifications

Dimensions				Measurement Wavelengths and Output Power	
7 x 13.8 x 3.2cm				Red	660 nanometers @ 0.8mW max average
Weight				Infrared	910 nanometers @ 1.2mW max average
2500	210g (with batteries)			Indicators	
2500A	213g (with batteries)			Pulse Quality Display	LED, Tricolor
Oxygen Saturation Display Range				Numeric Displays	3-digit 7-segment LEDs, red
0-100% SpO2				Low Battery Indicator	LED, amber
Pulse Rate Display Range				Temperature	
18-321 beats per minute (BPM)				Operating	-20 to 50°C
Saturation Declared Accuracy (Arms)				Storage / Transportation	-40 to 70°C
70-100%				Humidity	
		Adults / Paediatrics	Neonates	Operating	10-95% non-condensing
No Motion:	Finger Clip	±2 digits	N/A	Storage / Transportation	10-95% non-condensing
	Flex	±3 digits	N/A	Altitude	
Motion	Finger Clip	±3 digits	N/A	Operating	Up to 4000 meters
	Flex	±3 digits	N/A	Hyperbaric Pressure	Up to 4 atmospheres
Low Perfusion	Finger Clip	±3 digits	N/A	Low Perfusion	40-240bpm
	Flex, Flexi-Forn III	±3 digits	±4 digits	Power Requirements	
Pulse Rate Declared Accuracy				Four 1.5V AA Size Alkalkine Batteries (2500: 80 hours typical operation; 2500A: 60 hours typical operation) or NiMH rechargeable battery pack (40 hours typical operation)	
No Motion	18-300bpm			Classifications per IEC 60601-1 / CSA601/1 / UL60601-1	
Motion	40-240bpm			Type of Protection	Internally powered (on battery power)
Low Perfusion	40-240bpm			Degree of Protection	Type BF-Applied Part
		Adults / Paediatrics	Neonates	Mode of Operation	Continuous
No Motion	Finger Clip	±3 digits	N/A	Enclosure Degree of Ingress Protection	IPX2 - without case
	Flex, Flexi-Form III	±3 digits	±3 digits		
Motion	Finger Clip	±5 digits	N/A		
	Flex	±3 digits	N/A		
Low Perfusion	Finger Clip	±3 digits	N/A		
	Flex, Flexi-Form III	±3 digits	±3 digits		

Pulse Oximetry

Nonin 3150BLE WristOx 2 Bluetooth Wrist Pulse Oximeter

- Professional easy to use, convenient and lightweight Wrist Oximeter with Bluetooth® Low Energy designed for Sleep Study / Overnight Screening / Six Minute Walk Tests on Adult to Infant Patients
- Features Nonin PureSAT® technology delivering quick and accurate readings on patients who are well or poorly perfused
- Suitable for use in hospitals, medical facilities, acute care to homecare environments using Nonin 3150BLE compatible sensors (see page 23)
- Memory download via USB makes the WristOx a convenient solution in numerous settings using either the nVision or Stowood Data Management Software
- Programmable start/stop times, mode and sample rate features plus full reporting and statistical diagnostics, available when used with nVision or Stowood software
- Low Energy Bluetooth real time output to free of charge Nonin Connect App for Apple iPhone
- Easy view display offers a clear display
- Battery operating life of 48 hours (24 hours with Bluetooth)
- 1080 hour memory at a 4 second sampling rate
- ISO 80601-20-61 Compliant - All Nonin Oximeters are fully type tested to comply with the International standard for Pulse Oximeters
- Easy to clean - Oximeter and Sensor can be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor, Wrist Strap and extender, 2x AA batteries
- Disposable Wrist Straps available as an option, see below
- 3 year warranty on main unit



Download Realtime NoninConnect App from iOS App Store,

Phone not supplied



Works with nVision PC
Download Software
See Page 21



3 year
Warranty

Part No.	NPC	Description	Qty	Price
3150BLE	FBC331	3150BLE WristOx2 Pulse Oximeter Includes Adult Soft Sensor, x3 Wrist Straps and x2 AAA batteries.	Single	£565.00
3150KIT	---	3150BLE WristOx2 Pulse Oximeter Includes Adult Soft Sensor, x3 Wrist Straps and x2 AAA batteries. Kit also includes nVision Software Kit and data download cable	Single	£825.00

Nonin Wrist Pulse Oximeter Accessories Compatible with WristOx Models

Part No.	NPC	Description	Qty	Price
3150WB	---	Wristband for Nonin 3150 Series Monitors - Reposeable - One Size	Single	£4.85
3150i	---	Sensor Adapter Cable for 3150 WristOx2 - Allows standard Nonin SUB-D fitting Sensors to be used	Single	£48.50
3150SC	---	Data Download Cable with USB Connection for Nonin 3150 WristOx2	Single	£45.00
CR3101-2700042	---	Disposable Strap for Wrist Oximeter - Black - 360 x 27mm	10	£25.00
CR3101-2700042S	---	Disposable Strap for Wrist Oximeter - Black - 290 x 27mm	10	£20.00

3150 WristOx₂ BLE Bluetooth Low Energy

NEW! Works with NoninConnect Realtime Bluetooth Display - Ideal for 6MWT

Engineered with Nonin Medical's proven PureSAT® SpO₂ technology, the WristOx₂ 3150 delivers highly accurate readings in the widest range of patient populations and settings.

The WristOx₂ is ideal for applications including ambulatory monitoring, remote wireless monitoring and overnight studies - providing the versatility and reliability that clinicians expect from Nonin.



Nonin 9600 AVANT SpO2 Tabletop Monitor

**3 year
Warranty**

- Professional use, Lightweight and Compact Avant TableTop Pulse Oximeter designed for use on Adult to Neonate patients, for short and long term bedside monitoring
- Features the unique Nonin pulse quality indicator which offers a fast and simple "Green is Good" assessment of signal quality this replaces and removes the need for a plethysmographic waveform
- Nonin PureLight® and PureSAT® technology gives unparalleled reliability and accuracy which is trusted by Hospital / EMS / Home Care
- Powered by a 7.2V NiMH Battery Pack (included) or mains operation, optional 12VDC connector cable makes is suitable for transport use
- Fully adjustable audio and visual alarms
- Huge range of reusable, semi-reusable and disposable PureLight® sensors for Adults to Neonates. See page 23
- User defined settings including nurse call circuit which can easily be activated/deactivated
- Patient security mode prevents inadvertent setting changes by the user/patient
- Fully charged battery operating life of a minimum of 12 hours continuous or AC/DC power
- Unparalleled 115 hour memory storage makes it well suited for a multitude of applications - nVision compatible
- Easy to clean - Oximeter and Sensor can be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor and charging cables
- 3 year warranty



NONIN

Part No.	NPC	Description	Qty	Price
9600	---	Nonin 9600 Tabletop Pulse Oximeter Includes Adult Soft Sensor (3m), Power Cord and Charger, Internal Rechargeable NiMH Battery Pack and User Manual	Single	£995.00
9600FS	---	Nonin 9600 Tabletop Pulse Oximeter and PROStand 2 Includes Adult Soft Sensor (3m), Power Cord and Charger, Internal Rechargeable NiMH Battery Pack and User Manual	Single	£1190.00

Nonin AVANT Accessories Compatible with AVANT Monitors

- Accessories compatible for Nonin AVANT Type Monitors
- This includes the Nonin 2120 (discontinued)

Part No.	NPC	Description	Qty	Price
PROSTAND2	---	Rolling Stand with Basket and Multi-Fit Plate - Fits Nonin and Creative Table Top Monitors	Single	£245.00
PROSTAND2BK	---	Replacement Plastic Basket ONLY for Rolling Stand	Single	£40.00
AVANT12VDC	---	12V DC Vehicle Power Cable (fits lighter sockets) for Nonin Avant models - 6m length	Single	£29.50
AVANTCC-G	---	Heavy Duty Carry Case for Nonin AVANT Monitors	Single	£89.50
AVANTPC	---	Pole Mount Clamp for Nonin AVANT Monitors	Single	£94.50
AVANTWMB	---	Wall Mount Bracket for use with Avant CC & Nonin Avant Monitors	Single	£25.00
AVANTP	---	Printer for Nonin AVANT Monitors - Includes Serial USB Cables, Power Supply & Printer Paper	Single	£315.00
4729-004	---	Power Supply inc Mains Cable with UK Plug for Nonin AVANT Monitors - Except 7500 / 7500FO	Single	£105.00
AVANTB	---	Spare NiMH Battery Pack for Nonin AVANT Monitors	Single	£95.26
UNI-RS232	---	Download Cable only (for nVision) with Serial Port for AVANT Monitors	Single	£34.00
2120TUB-ST	---	Straight NIBP Airhose for Nonin 2120 - 12ft	Single	£26.95

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

Pulse Oximetry

Nonin 7500 SpO2 Tabletop Monitor

**3 year
Warranty**

- Professional use, Lightweight and Durable 7500 Series Tabletop Oximeter designed to monitor SpO2 and Pulse Rate in Adult to Neonate patients
- Incredibly user friendly with clear intuitive controls and display makes it suitable for hospital and home care environments
- Features the unique Nonin pulse quality indicator bargraph which offers a fast and simple "Green is Good" assessment of signal quality this replaces and removes the need for a plethysmographic waveform
- Nonin PureLight® and PureSAT® technology gives unparalleled reliability and accuracy which is trusted by Hospital / Clinic / Home Care
- Features a flexible alarm management system including patient security mode and user defined default that offers customisable patient settings
- Huge range of reusable, semi-reusable and disposable PureLight® sensors for Adults to Neonates. See page 23
- Optional Carry case and Rolling Stand are also available
- Bright LED display offers clear readability for the user
- Durable, rugged design and construction
- Lowest life costs for any quality tabletop oximeter
- Powered by a 7.2V NiMH Battery Pack (included) or mains operation
- Battery operating life 16 hours minimum when fully charged
- 70 hour memory, assuming continuous operation - nVision/Stowood compatible
- Easy to clean - Oximeter and Sensor can be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor and charging cables
- 3 year warranty on main unit, 2 years on sensor and 1 year on all rechargeable battery packs



Part No.	NPC	Description	Qty	Price
7500	FBC139	7500 Tabletop Pulse Oximeter Includes Adult Soft Sensor (3m), Power Cord, Charger and Internal Rechargeable NiMH Battery Pack and Operators Manual	Single	£695.00
7500FS	---	7500FO Tabletop Pulse Oximeter and PROStand Includes Power Cord, Charger, internal NiMH battery pack and Operators Manual, supplied with a Pole Mount Clamp	Single	£925.00

Nonin 7500 Series Specifications

Oxygen Saturation Display Range				Pulse Rate Accuracy					
0-100% SpO2				No motion		18-300bpm			
Pulse Rate Range				Motion		40-240bpm			
18-321bpm				Low perfusion		40-240bpm			
Displays									
Pulse Strength		LED, Bar graph, tri-colour segments				Adults / Paediatrics		Neonates	
Alarm Indicator		LED, bi-colour		No Motion		Reusable Finger Clip		±3 digits	
Alarm Silenced		LED, amber				Disposable 6000 Series		±3 digits	
Numeric Displays		3 digit, 7-segment LEDs, green		Motion		Reusable Finger Clip		±5 digits	
Low Battery		LED, amber		Low Perfusion		Reusable Finger Clip		±3 digits	
						Disposable 6000 Series		±3 digits	
Saturation Accuracy (Arms)									
70-100%									
				Adults / Paediatrics		Neonates			
No Motion		Reusable Finger Clip		±2 digits		±3 digits			
		Disposable 6000 Series		±2 digits		±3 digits			
Motion		Reusable Finger Clip		±2 digits		N/A			
Memory									
70 hours (assuming continuous operation)									

Nonin 7500FO MR Conditional Dual Fibre Optic Pulse Oximeter



**3 year
Warranty**

- Professional MR Conditional Monitor designed for placement within the MRI control room with fibre optic cable passing through the magnetic isolation tunnel into the MRI scanner area
- Lightweight and Durable 7500 Series Tabletop Oximeter specially designed for monitoring SpO2 and Pulse Rate using specialised MR Sensors for Adult to Infant patients in MR Environments
- No risk of RF burns with the two way fibre optic MRI compatible non-conductive sensor cables
- Features the unique Nonin pulse quality indicator Bargraph which offers a fast and simple "Green is Good" assessment of signal quality this replaces and removes the need for a plethysmographic waveform
- Intuitive front mounted controls on a durable robust unit with large LED display which is easily read from a distance
- User adjustable audible and visual alarms for Spo2 and Pulse Rate
- Powered by 7.2V NiMH built in battery pack or mains operation
- Battery operating life 12 hours minimum when fully charged
- 70 hours memory assuming continuous operation - nVision compatible
- ISO 80601-20-61 Compliant - All Nonin Oximeters are fully type tested to comply with the new International Standard for Pulse Oximeters
- Easy to clean - Oximeter and Sensor can be easily wiped down between uses
- Supplied with charging cables.
- ADULT/PAEDIATRIC OR INFANT/PAEDIATRIC MR SENSORS MUST BE PURCHASED SEPERATELY ALONG WITH SPECIALLY DESIGNED VELCRO WRAPS.**
- 3 year warranty on main unit, 1 year on all rechargeable battery packs and sensors covered for 90 days



Part No.	NPC	Description	Qty	Price
7500FO	FBC184	7500FO Tabletop MRi Pulse Oximeter Includes Power Cord, Charger, internal NiMH battery pack and Operators Manual, supplied with a Pole Mount Clamp - SENSOR NOT INCLUDED - PLEASE ORDER FROM BELOW	Single	£1395.00
8000FC-30	FBC185	Adult/Paediatric Fibre Optic MRi Compatible Sensor - 30ft cable - requires wraps - see below	Single	£1295.00
8000FI-30	---	Infant/Paediatric Fibre Optic MRi Compatible Sensor - 30ft cable - requires wraps - see below	Single	£1295.00
8000FC-20	---	Adult/Paediatric Fibre Optic MRi Compatible Sensor - 20ft cable - requires wraps - see below	Single	£1195.00
8000FI-20	---	Infant/Paediatric Fibre Optic MRi Compatible Sensor - 20ft cable - requires wraps - see below	Single	£1195.00
8000FW	---	Reusable Velcro Finger Wraps for use with Fibre Optic Sensors - essential for correct operation	2	£10.50
8000TW	---	Reusable Velcro Toe Wraps for use with Fibre Optic Sensors - essential for correct operation	2	£10.50

Nonin Tabletop Pulse Oximeter Accessories Compatible with 7500, 7500FO

Part No.	NPC	Description	Qty	Price
PROSTAND2	---	Rolling Stand with Basket and Multi-Fit Plate - Fits Nonin and Creative Table Top Monitors	Single	£245.00
PROSTAND2BK	---	Replacement Plastic Basket ONLY for Rolling Stand	Single	£40.00
7500CC	---	Black Cushioned Carry Case for Nonin 7500 / 7500FO	Single	£78.20
7500B	---	Replacement Battery Pack for Nonin 7500	Single	£89.95
4729-003	---	Power Supply inc Mains Cable with UK Plug for Nonin 7500 Series Monitors	Single	£105.00
7500SC	---	Data Download Cable ONLY (for nVision) with Serial Port for 7500 Oximeter	Single	£73.00

Pulse Oximetry

Nonin nVision Software Data Management Application

- SpO2 Data Analysis, Management and Sleep Screening Software for use with Nonin Pulse Oximeter models with memory
- Designed to provide effortless viewing, professional analysis, report generation with event markers and adjustable parameter statistics as well as reliable data storage
- Powerful cost effective solution for Oximetry screening and 6MWT (6 minute walk test)
- Flexible reporting allows the user to choose from numerous pre-set report categories
- Based on the Windows® Platform the software offers customised settings/parameters and quick access to data for efficient and immediate data interpretation
- User friendly with fast and simple editing allows the user to customise reports, save as PDF or print from a choice of default settings
- Access patient data instantly via simple search function
- Compatible with Windows 10 / 8 / 7
- See below for compatible Nonin monitors and download cable kits
- Contact us for a free demonstration or trial



Using nVision Software

Designed to provide effortless viewing, professional analysis, report generation and reliable data storage, the nVision Software package is a powerful cost-effective solution for oximetry screening, capnography and 6MWT (6 min walk test) reporting. The simple functionality of nVision makes it useful for nearly any screening situation where an accurate reading of blood oxygen saturation and pulse rate is needed.

Customise reports or print from a choice of standard report templates.



Part No.	NPC	Description	Qty	Price
NVISION2500	---	Nonin nVision PC Software Kit (including download cable) - For 2500 / 8500 & 9840 Monitors	Single	£379.00
NVISION7500	---	Nonin nVision PC Software Kit (including download cable) - For 7500 Monitors	Single	£379.00
NVISIONAVANT	---	Nonin nVision PC Software Kit (including download cable) - For AVANT Tabletop Monitors	Single	£379.00
NVISION3150	---	Nonin nVision PC Software Kit (including download cable) - For 3150 WristOx2 Monitors	Single	£379.00
NVISIONSEN2	---	Nonin nVision PC Software Kit (including download cable) - For Nonin Sense II Monitors	Single	£379.00

Frequently Asked Questions

Go to proactmedical.co.uk/videos for further information and guidance.

What are the system requirements necessary to run nVision Software?

Windows XP SP3, Windows 7, Windows 8, Windows 10 (32 and 64bit)
One serial communications port
256MB memory
20MB free space on hard drive

How do I download data from my Nonin Pulse Oximeter to a PC with nVision installed?

To download data, you need a compatible Nonin computer cable. Connect the appropriate end of the Nonin download cable to the Pulse Oximeter and the other end to the PC's communication port. If using an extension cable, it is necessary to disconnect this prior to downloading.

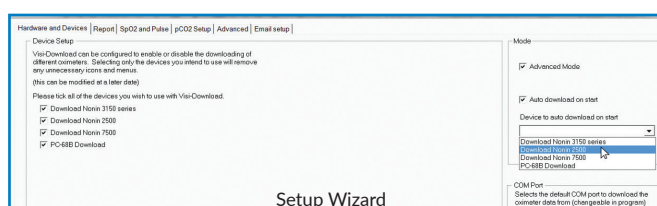
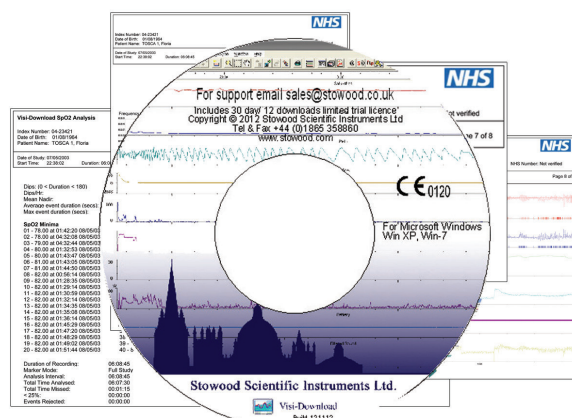
Can I adjust the analysis parameters when viewing data

Yes, the analysis parameters are fully adjustable, allowing the flexibility to analyze and reanalyze the data using different criteria. The immediate results can be useful when reviewing data requiring additional sensitivity (as when detecting less severe/"mild" cases of nocturnal desaturations).

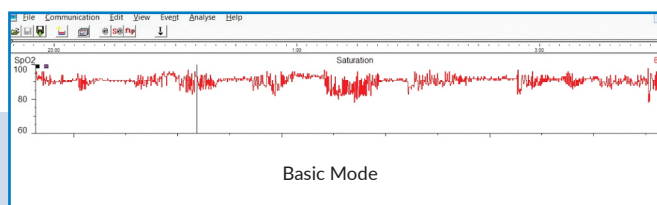
Please contact us if you require any further help or information when using the nVision Software.

Stowood Visi-Download Analysis & Reporting Software

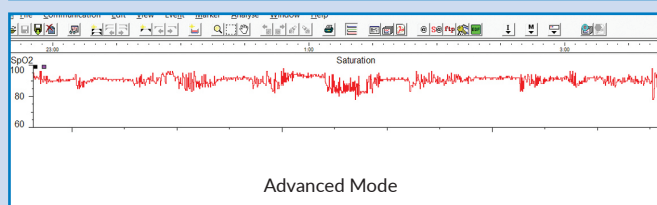
- Stowood's download, analysis, and reporting software for oximeters and capnometers allows multi-channel playback and a single platform for download, analysis and interpretation of results
- Two software levels in one package. Basic and Advanced modes which allow the user to choose which level to operate at or restrict access to advanced functions for the other users. For example, use the one-step automated download in Basic Mode for those whose job it is to acquire and send on data whilst hiding the more complicated analytic features of the advanced mode
- Desaturations (dips), pulse rate (rises) and CO2 analysis are configurable with graphics and data tables – Including Delta Index and Rapid Restoration Analysis
- Setup Wizard allows users to configure the software at any time (e.g. choose the appropriate devices for your lab, customise templates and change your data storage/transmission defaults)
- View the signals any way you like (full control over scales, time axes, compression)
- Device events are marked on traces (e.g. low perfusion, artefact etc.) and these or other periods may be automatically or manually removed by marking excluded events from analysis
- Events (e.g. low perfusion, artefact etc.) maybe viewed and fully edited (start/end, added, deleted) in any time axis
- 72 day compatibility for long term oximetry
- Audio playback feature for sound recording
- Expert all or selected period / channels of data to email, FTP, database or spreadsheet (ASCII text, DIF, EDF formats)
- Support for 6 languages: English, French, German, Spanish, Italian and Dutch
- Free trial available – call us for more details



Setup Wizard



Basic Mode



Advanced Mode

One Platform - Multiple Monitors

Stowood's modular Visi-Download software offers multi-channel playback and a single platform for download, analysis and interpretation of results from multiple manufacturer's oximeters, capnographs and sleep recorders which can be added to as you go. Please contact us to discuss your requirements.

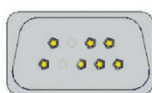
Modules available to support BCI, Creative, GE/Datex, Mindray, Minolta and Nonin Monitors - Contact us for a full list of devices supported by each module and "bolt on" pricing.

Part No.	NPC	Description	Qty	Price
STVD00111	---	Visi-Download Data Management Software - Nonin Module Initial User - 5 Year Electronic Single Desk Licence	Single	£695.00
STVD00121	---	Visi-Download Data Management Software - Nonin Module Additional User - 5 Year Electronic Single Desk Licence	Single	£495.00
STVD00181	---	Visi-Download Data Management Software - Nonin Module Bolt-On Module - 5 Year Electronic Single Desk Licence	Single	£310.00
STVD00151	---	Visi-Download Data Management Software - Nonin Module 5 Year Extension to existing Single Desk Licence	Single	£347.50
STVD00116	---	Visi-Download Data Management Software - Nonin RespSense and LifeSense II Initial User - 5 Year Electronic Single Desk Licence	Single	£695.00
STVD00126	---	Visi-Download Data Management Software - Nonin RespSense and LifeSense II Additional User - 5 Year Electronic Single Desk Licence	Single	£495.00
STVD00186	---	Visi-Download Data Management Software - Nonin RespSense and LifeSense II Bolt-On Module - 5 Year Electronic Single Desk Licence	Single	£310.00
STVD00156	---	Visi-Download Data Management Software - Nonin RespSense and LifeSense II 5 Year Extension to existing Single Desk Licence	Single	£347.50

Pulse Oximetry

Nonin 8000 Series - Reusable

- Tough and Durable Reusable Finger Clip Sensors with MIL standard Kevlar Reinforced cable
- Incorporates PureLight® LED's to ensure accuracy when used with Nonin PureSAT® Oximeters
- Suitable for Spot Check and Short Term monitoring on Adult and Paediatric patients
- Easy to clean – Reusable sensors can be wiped down between uses



SUB-D

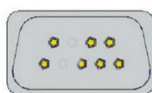


3 YEAR WARRANTY

Suitable for Patient Sizes		8000AA - >30kg	8000AP - 8-30kg	8000Q - >40kg	8000R - >30kg	
Part No.	NPC	Description			Qty	Price
8000AA-1	FBC089	Nonin Adult Articulated Clip Finger Sensor - 1m cable			Single	£127.95
8000AA-2	---	Nonin Adult Articulated Clip Finger Sensor - 2m cable			Single	£134.00
8000AA-3	FBD970	Nonin Adult Articulated Clip Finger Sensor - 3m cable			Single	£139.55
8000AA-WO2	---	Nonin Finger Clip Sensor, Adult for Nonin 3150BLE Monitor - 0.3m cable			Single	£127.95
8000AP	FBC186	Nonin Paediatric Articulated Clip Finger Sensor - 1m cable			Single	£127.95
8000AP-3	FBC971	Nonin Paediatric Articulated Clip Finger Sensor - 3m cable			Single	£139.55
8000Q	FBC328	Nonin Ear Clip Sensor - 1m cable			Single	£127.95
8000R	FBC3416	Nonin Reflectance Sensor - 0.5m cable			Single	£127.95

Nonin 8000S Series - Reusable

- Durable Silicone Soft Sensors offer superior patient comfort with MIL standard Kevlar Reinforced cable
- Incorporates PureLight® LED's to ensure accuracy when used with Nonin PureSAT® Oximeters
- Three sizes available making them suitable for Adult to Child patients
- Suitable for Spot Check and Short or Long Term monitoring
- Added flexibility for a secure fit



SUB-D



3 YEAR WARRANTY

Suitable for Patient Sizes (Digit thickness front to back)		8000SL - 12-25.5mm	8000SM - 10-19mm	8000SS - 7.5-12.5mm
Part No.	NPC	Description	Qty	Price
8000SL-1	FBC091	Nonin Large Adult Soft Finger Sensor - 1m cable	Single	£124.60
8000SL-3	FBC972	Nonin Large Adult Soft Finger Sensor - 3m cable	Single	£135.65
8000SM-1	FBC973	Nonin Medium Adult Soft Finger Sensor - 1m cable	Single	£124.60
8000SM-3	FBC974	Nonin Medium Adult Soft Finger Sensor - 3m cable	Single	£135.65
8000SM-WO2	---	Nonin Soft Sensor, Medium Adult for Nonin 3150BLE Monitor - 0.3m cable	Single	£124.60
8000SS-1	FBC092	Nonin Small Soft Finger Sensor - 1m cable	Single	£124.60
8000SS-3	FBC975	Nonin Small Soft Finger Sensor - 3m cable	Single	£135.65

Nonin 8000J Series - Hybrid Reusable Wrap

- Durable Hybrid Reusable Wrap Sensor to be used with disposable Flexi Wrap adhesive
- Incorporates PureLight® LED's to ensure accuracy when used with Nonin PureSAT® Oximeters
- Suitable for motion situations and extended monitoring on Adult to Neonate patients



SUB-D

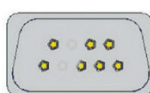


90 DAY WARRANTY

Suitable for Patient Sizes		8000J - > 20kg	8008J - > 2-20kg	8001J - <2kg	
Part No.	NPC	Description		Qty	Price
8000J	FBC187	Nonin Reusable Flex Sensor - Adult - 1m cable		Single	£82.95
8000J-3	---	Nonin Reusable Flex Sensor - Adult - 3m cable		Single	£94.60
8000J-WO2	---	Nonin Reusable Flex Sensor - Adult for Nonin 3150BLE - 0.3m cable		Single	£82.95
8000JFW	FBC188	Nonin Single Use Adhesive Flexiwrap - for use with Adult Flex Sensor		25	£16.45
8008J	FBC100	Nonin Reusable Flex Sensor - Infant - 1m cable		Single	£82.95
8008JFW	FBC976	Nonin Single Use Adhesive Flexiwrap - for use with Infant Flex Sensor		25	£16.45
8001J	----	Nonin Reusable Flex Sensor - Neonate - 1m cable		Single	£82.95
8001JFW	---	Nonin Single Use Adhesive Flexiwrap - for use with Neonate Flex Sensor		25	£16.45

Nonin 7000 Flexi-Form Disposable Microfoam Sensors

- Fully disposable sensors with cushioned Microfoam material for added comfort
- Incorporates PureLight® LED's to ensure accuracy when used with Nonin PureSAT® Oximeters
- Ideal for situations where risk of cross contamination is high
- Suitable for use on Adult to Neonate patients
- Special adhesive allows for the sensor to be repositioned on the same patient multiple times
- Supplied in boxes of 24



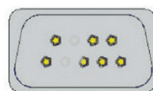
SUB-D



Suitable for Patient Sizes		7000A - >30kg	7000P - > 10kg	7000I - 2-20kg	7000N - <20kg	
Part No.	NPC	Description			Qty	Price
7000A-24	FBC977	Nonin Adult Flexi-Form Sensor - 1m cable			24	£255.00
7000P-24	FBC978	Nonin Paediatric Flexi-Form Sensor - 1m cable			24	£255.00
7000I-24	FBC979	Nonin Infant Flexi-Form Sensor - 1m cable			24	£255.00
7000N-24	FBC980	Nonin Neonatal Flexi-Form Sensor - 1m cable			24	£255.00

Nonin 6000 Series Disposable Cloth Sensors

- Fully disposable Cloth sensors are Breathable for patient comfort
- Incorporates PureLight® LED's to ensure accuracy when used with Nonin PureSAT® Oximeters
- Ideal for situations where risk of cross contamination is high
- Stretch material for easy placement and fit
- Suitable for use on Adult to Neonate patients
- Ideal for situations where risk of cross contamination is high
- Stretch material for easy placement and fit
- Suitable for use on Adult to Neonate patients



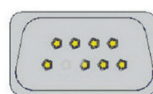
SUB-D



Suitable for Patient Sizes		6000A - >30kg	6000P - >10kg	6000N - <2kg
Part No.	NPC	Description	Qty	Price
6000A-24	---	Nonin Adult Cloth Sensor - 1m cable	24	£225.00
6000P-24	---	Nonin Paediatric Cloth Sensor - 1m cable	24	£225.00
6000I-24	---	Nonin Infant Cloth Sensor - 1m cable	24	£225.00
6000N-24	---	Nonin Neonatal Cloth Sensor - 1m cable	24	£225.00

Nonin Extension Cables For use with Disposable & Reusable Sensors

- Extension cables for use with both Reusable and Disposable Nonin Sensors
- Reusable Kevlar reinforced cable
- Easy to clean - cables can be wiped down if required
- 90 day warranty



SUB-D
MALE TO
FEMALE



Part No.	NPC	Description			Qty	Price
UNI-EXT-1	FBC101	Nonin Reusable SpO2 Extension Cable - 1m cable			Single	£41.40
UNI-EXT-3	FBC981	Nonin Reusable SpO2 Extension Cable - 3m cable			Single	£67.17
UNI-EXT-6	---	Nonin Reusable SpO2 Extension Cable - 6m cable			Single	£108.00
UNI-EXT-9	---	Nonin Reusable SpO2 Extension Cable - 9m cable			Single	£138.00
UNI-RA-0	---	Nonin Reusable SpO2 Extension Cable - 12cm male to female cable			Single	£30.00

Pulse Oximetry

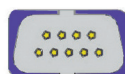
Original Nellcor™ OxiMAX™ SpO2 Sensors

PROACT offer a broad range of SpO2 sensors for use in many clinical settings

If your monitor uses OxiMAX™ technology you will need to purchase original Nellcor™ OxiMAX™ sensors from this page. If you have an older NON OxiMAX™ monitor then you have the additional option of purchasing a quality Nellcor™ compatible sensor from the opposite page

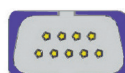



Original Nellcor™ OxiMAX™ Reusable SpO2 Sensors



Connection		Sub-D OxiMAX™				
Warranty		DS-100A - 6 months	DURA-Y - 3 months			
Suitable for Patient Sizes		DS-100A - > 30kg	DURA-Y - > 1kg (Multisite)	Ear Clip - >30kg		
Part No.	NPC	Description			Qty	Price
NEL-DS-100A	---	Nellcor™ OxiMAX™ DuraSensor DS100A Finger Sensor - Adult - 1m cable			Single	£119.00
NEL-3220321	---	Nellcor™ OxiMAX™ Dura-Y™ Multisite Sensor- 1m cable			Single	£169.00
NEL-SL0466A	---	Ear Clip for use with Nellcor™ Dura-Y™ Multisite Sensor			Single	£5.95



Original Nellcor™ OxiMAX™ Disposable SpO2 Sensors



Connection		Sub-D OxiMAX™				
Warranty		Out of box				
Suitable for Patient Sizes		MAX-A(L) - >30kg	MAX-I - 3-20kg	MAX-P - 10-50kg	MAX-N - <3kg or >40kg	
Part No.	NPC	Description			Qty	Price
MAX-A(D-25)	---	Nellcor™ OxiMAX™ Disposable SpO2 Sensors - Adult			24	£230.00
MAX-I(I-20)	---	Nellcor™ OxiMAX™ Disposable SpO2 Sensors - Infant			24	£230.00
MAX-N(N-25)	---	Nellcor™ OxiMAX™ Disposable SpO2 Sensors - Neonatal/Adult			24	£230.00
MAX-P(D-20)	---	Nellcor™ OxiMAX™ Disposable SpO2 Sensors - Paediatric			24	£230.00

Original Nellcor™ OxiMAX™ Reusable Extension Cables



Connection		Sub-D OxiMAX™ to Sub-D (DEC cables)					
		Sub-D OxiMAX™ to 3M (DOC cables)					
Warranty		3 months					
Part No.	NPC	Description				Qty	Price
NEL-DEC-4	---	Nellcor™ OxiMAX™ DEC-4 Extension Cable - 1.2m cable				Single	£68.43
NEL-DEC-8	---	Nellcor™ OxiMAX™ DEC-8 Extension Cable - 2.4m cable				Single	£79.93
NEL-DOC-10	---	Nellcor™ OxiMAX™ DOC-10 Extension Cable - 3.0m cable				Single	£91.43

EnviteC NON-OxiMax™ Nellcor™ Compatible Reusable SpO2 Sensors

- Highest quality, European manufactured
- Tested clinically accurate compatible sensors
- Soft Tip Sensors have Kevlar Reinforced Cables
- Easy to Clean – Sensor can be wiped down between uses
- 2 year warranty on silicone sensors and 12 months on finger clip sensors



Connection		Sub-D Non-OxiMAX™		SUB-D		
Warranty		Soft-Tip - 2 year	Clip - 1 year	Ear - 3 months	Wrap - 1 Year	
Suitable for Patient Sizes...		Soft-Tip - > 20kg	Clip - > 20kg	Ear - > 30kg	Wrap - > 1kg	
Part No.	NPC	Description			Qty	Price
R-3212-31	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Soft-Tip Silicone SpO2 Finger Sensor Adult - 3.0m cable			Single	£159.00
R-3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Soft-Tip Silicone SpO2 Finger Sensor Adult - 0.9m cable			Single	£125.00
RM-3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Soft-Tip Silicone SpO2 Finger Sensor Medium - 0.9m cable			Single	£125.00
RS-3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Soft-Tip Silicone SpO2 Finger Sensor Small - 0.9m cable			Single	£125.00
EW3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Finger Clip SpO2 Finger Sensor - Adult - 0.9m			Single	£34.75
EW3212-31	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Finger Clip SpO2 Finger Sensor - Adult - 3.0m			Single	£62.05
ES3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Ear Clip SpO2 Finger Sensor - 0.9m			Single	£62.05
W3212-9	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Wrap SpO2 Finger Sensor - 0.9m			Single	£85.00

EnviteC NON-OxiMax™ Nellcor™ Compatible Disposable SpO2 Sensors

- Highest quality, European manufactured
- Tested clinically accurate compatible sensors
- Soft graded medical tape adds to patient comfort in re-positioning



Connection		Sub-D Non-OxiMAX™			SUB-D		
Warranty		Out of box					
Suitable for Patient Sizes...		Adult - > 30kg		Paediatric - 10-50kg (Multisite)	Infant - > 1-20kg	Neonate - > <3kg	
Part No.	NPC	Description				Qty	Price
2211-1	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Disposable SpO2 Sensors - Adult - 0.45m				24	£135.00
2211-2	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Disposable SpO2 Sensors -Paediatric- 0.45m				24	£135.00
2211-5	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Disposable SpO2 Sensors - Infant - 0.9m				24	£135.00
2211-6	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Disposable SpO2 Sensors -Neonate - 0.9m				24	£135.00

EnviteC NON-OxiMax™ Nellcor™ Compatible Reusable Extension Cables

Connection		Sub-D Non-OxiMAX™ to SUB-D (EC4212 cable)		
		Sub-D Non-OxiMAX™ to 3M (EC4213 cable)		
Warranty		1 year		
Part No.	NPC	Description	Qty	Price
EC4212-1	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Extension Cable- 1.2m cable - Kevlar reinforced	Single	£34.32
EC4212	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Extension Cable- 2.4m cable - Kevlar reinforced	Single	£35.25
EC4213	---	EnviteC Nellcor™ NON-OxiMAX™ Compatible Extension Cable- 3.0m cable - Kevlar reinforced	Single	£86.58

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

Pulse Oximetry

Original Masimo®

Reusable SpO2 Sensors

Connection	3M direct fit
Warranty	6 months
Suitable for Patient Sizes	MAS1969 - > 30kg



Part No.	NPC	Description	Qty	Price
MAS1969	---	Original Masimo® DC12 Direct Fit Finger Sensor - Adult - 3.7m cable	Single	£265.00

Original Masimo® LNCS®

Reusable SpO2 Sensors

Connection	Sub-D
Warranty	6 months
Suitable for Patient Sizes	MAS2653 - >30kg MAS1863 - >30kg MAS1864 - 10-50kg MAS1895 - >30kg



Part No.	NPC	Description	Qty	Price
MAS2653	---	Original Masimo® LNCS® DB-I Soft Finger Sensor - Adult - 0.9m cable	Single	£180.00
MAS1863	---	Original Masimo® LNCS® DCI Finger Sensor - Adult - 0.9m cable	Single	£149.00
MAS1864	---	Original Masimo® LNCS® DC-IP Finger Sensor - Paediatric - 0.9m cable	Single	£159.00
MAS1895	---	Original Masimo® LNCS® TC-I Ear Sensor- 0.9m cable	Single	£175.00

Original Masimo® LNCS®

Disposable Adhesive SpO2 Sensors

Connection	Sub-D
Warranty	Out of box
Suitable for Patient Sizes	MAS1969 - > 30kg

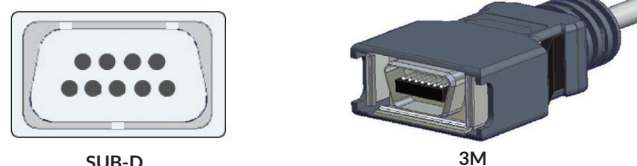


Part No.	NPC	Description	Qty	Price
MAS1859	---	Original Masimo® LNCS® (SUB D) Adtx Disposable Sensor - Adult - 0.45m cable	20	£185.00
MAS1860	---	Original Masimo® LNCS® (SUB D) Pdtx Disposable Sensor - Paediatric - 0.45m cable	20	£175.00
MAS1861	---	Original Masimo® LNCS® (SUB D) Inf-L Disposable Sensor - Infant - 0.9m cable	20	£235.00
MAS1862	---	Original Masimo® LNCS® (SUB D) Neo-L Disposable Sensor - Neonatal/Adult - 0.9m cable	20	£235.00

Original Masimo® LNCS®

Reusable Interface Cables

Connection	LNCS® SUB D to 3M
Warranty	6 months



Part No.	NPC	Description	Qty	Price
MASLNC4	---	Original Masimo® LNC4® Patient Cable (OEM PN: 2017) - 1.2m cable	Single	£135.00
MASLNC10	---	Original Masimo® LNC10® Patient Cable (OEM PN: 1814) - 3.0m cable	Single	£135.00

Original Masimo® RD SET SpO2 Sensors

- Intuitive sensor to cable connection
- Tactile and audible feedback ensuring proper connection

Lightweight Connector

Made from materials that result in a lightweight connector with no moving parts



Original Masimo® RD SET Reusable SpO2 Sensors

Connection	RD Set				RD Set
Warranty	6 months				
Suitable for Patient Sizes...	MAS4050 - > 30kg	MAS4051 - 10-50kg			
Part No.	NPC	Description	Qty	Price	
MAS4050	---	Original Masimo® RD SET DCI Reusable Finger Sensor - Adult - 0.9m cable	Single	£180.00	
MAS4051	---	Original Masimo® RD SET DCIP Reusable Finger Sensor - Paediatric/Slender - 0.9m cable	Single	£190.00	

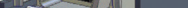


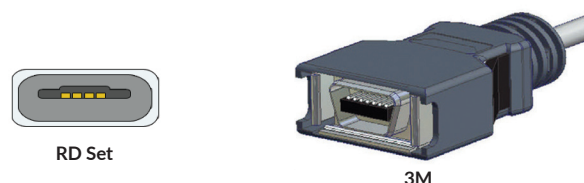
Original Masimo® RD SET Disposable Adhesive SpO2 Sensors

Connection		RD Set			
Warranty		Out of box			
Suitable for Patient Sizes...		MAS4000 - > 30kg	MAS4001 - 10-50kg	MAS4002 - 3-20kg	MAS4003 - < 3kg or > 40kg
		MAS4004/5 - < 1kg			
Part No.	NPC	Description	Qty	Price	
MAS4000	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Adult - 0.1m cable	20	£215.00	
MAS4001	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Paediatric - 0.1m cable	20	£235.00	
MAS4002	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Infant - 0.1m cable	20	£280.00	
MAS4003	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Neonatal/Adult - 0.1m cable	20	£270.00	
MAS4004	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Neonatal - 0.1m cable	20	£290.00	
MAS4005	---	Original Masimo® RD SET Adt Disposable Finger Sensor - Neonatal - 0.1m cable - Non-adhesive	20	£310.00	



Original Masimo® RD SET Reusable Interface Cables

Connection	RD Set to 3M	RD Set		
Warranty	6 months		3M	
Part No.	NPC	Description	Qty	Price
MAS4080	---	Original Masimo® RD SET MD14-05 Patient Cable - 14 Pin, 1.5m cable	Single	£140.00
MAS4081	---	Original Masimo® RD SET MD14-12 Patient Cable - 14 Pin, 3.7m cable	Single	£175.00



Pulse Oximetry

EnviteC Multi-Compatible Disposable SpO2 Sensors

- Super high quality electronically matched optics for full compatibility with stated manufacturers oximeters - FDA & CE approved
- Offers major cost savings with no compromise in performance
- Features unique re-aligned design for accurate placement and optimum functionality
- Biocompatibility tested to ISO 10993
- Helps to control cross contamination
- Supplied in boxes of 24 (extension cables sold as single)

Disposable Sensors



Manufacturer	OEM Model No.	OEM Sensor Part No.	Sensor End (see page 31)	Disposable Sensor No. & Price - Box of 24					Extension Cable Part No. End & Price
<div> <p>OEM information for guidance only. If you are unable to identify the sensor you need do not hesitate to contact our Sales Team who will be happy to assist you.</p> </div>				Adult > 30kg 	Paediatric 10kg - 50kg 	Infant 3kg - 20kg 	Neonatal < 3kg 	Velcro Wrap < 3kg 	
BCI	3100 Series, 3300 Series, 3400 Series, 6100, 9100, Advisor, Autocorr, Mini Torr, Mini Torr Plus	BCI 1300, 1301, 1302, 1303	03 Sub D		2221-2 £169.35	2221-5 £179.80	2221-6 £179.80		
Datex	AS/3, CS/3, CH/S, CH-RS, CG/2S, Cardiacap I, II, 5, Capnomac, Ultima, Light Monitor, M-Estpr, Oscar II, OSP-200, Satellite Trans Plus, ULTSV I, ULTSVO, ULTSIO, ULTS00	DMI041, DMI042, DMI043, DMI044	69 Sub D	3003-1 £185.00	3003-2 £185.00	3003-5 £185.00	3003-6 £185.00	DW3003 £210.00	EC4004 - 70 to 14 - £59.00 (FlexMon)
GE	7000 Series / TRAM 200SL, 400SL, 600SL, 800A, 800SL / TRAM.A.R	OXY-AP-10 OXY-AF-10	69 Sub D	3003-1 £185.00	3003-2 £185.00	3003-5 £185.00	3003-6 £185.00	DW3003 £210.00	EC4003 - 70 to 64 - £59.00 (FlexMon)
HP/Phillips	G3, IntelliVue MMS X2, MP & MX monitors, Modul M1021A, B, Modul M3000A, M3001A, SureSigns VM1 - 8, VS2+, VS3, VS4, VS5i	M1131A, M1132A, M1133A, M1131A, M1134A	05 Sub D	2411-1 £151.00	2411-2 £151.00	2411-5 £151.00	2411-6 £151.00	DW2411 £189.00	EC5416 - 60 to 19 - £86.58
Mindray	Beneview T5 / T8 / TDS, DPM1-7, MEC-1000, PM-50, PM-60, PM-8000, PM-9000, VS-800 monitors	521A / 521I / 520N / 521P / 521N	05 Sub D	2271-1 £151.00	2271-2 £151.00	2271-5 £151.00	2271-6 £151.00	DW2271 £210.00	OEM
Nellcor	All Non-OxiMAX Monitors	D-25, D-20, I-20, N-25	05 Sub D	2211-1 £135.00	2211-2 £135.00	2211-5 £135.00	2211-6 £135.00		EC4212 - 60 to 05 - £35.25 EC4213 - 60 to 41 - £86.58
Nonin	All Monitors	Exclusive Distributors for Nonin Sensors and Accessories (see page 23)							
Ohmeda	Ohmeda 3700, 3710, 3770, 3775, Biox 3740, 3760, 3800, 3900, 4700, TuffSat, OxiCap, 5250RGM, Rascal II	OXY-AP-10 OXY-AF-10	69 Sub D	3003-1 £185.00	3003-2 £185.00	3003-5 £185.00	3003-6 £185.00	DW3003 £210.00	EC4005 - 70 to 22 - £59.00 (FlexMon)

EnviteC FlexMon Multi Compatible SpO2 System

ENVITEC

FlexMon®, the new system developed by EnviteC, is a crucial step towards the efficient use of sensors. One EnviteC SpO2 sensor can be connected to any device in a family of monitors, thus significantly reducing the number of sensors required.

FlexMon® sensors not only reduce costs considerably, they also save an enormous amount of time during operation. Clinicians, technicians and purchasing staff benefit from this simplification.

EnviteC FlexMon® Pulse Oximetry Sensors must only be used under the conditions specified in the system's technical specifications with a suitable EnviteC adapter cable and the recommended approved oximetry modules.

Please refer to the relevant monitor/oximetry module operating manual for additional instructions and safety information.



Contact us for more information regarding the FlexMon® system.

MONITOR

EXTENSION CABLE

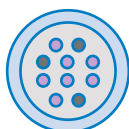
SENSOR

DATEx LEGACY N-Connector

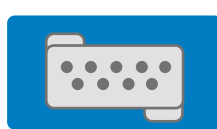


All monitors with
M-NE(12)STPR or
M-PRESTN modules

Part No.	Description	Price
EC4004	Datex Compatible - 3m cable	£59.00



14



70

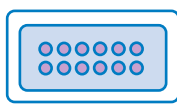
REUSABLE		
Part No.	Description	Price
RM-3003-9	Silicone Soft-Tip Medium Adult - 0.9m	£130.00
EW3003-9	ComfortLine Clip Adult - 0.9m	£39.00
ES3003-9	ComfortLine Clip Ear - 0.9m	£70.00

GE CARESCAPE S/5 GE Connector

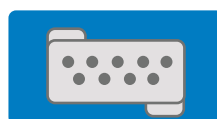


All monitors with
E-PRESTN
and E-PSM modules

Part No.	Description	Price
EC4003	GE Compatible - 3m cable	£59.00



64



70

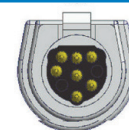
DISPOSABLE - BOX OF 24		
Part No.	Description	Price
3003-1	Disposable SpO2 Adult - 0.45m	£185.00
3003-2	Disposable SpO2 Paediatric - 0.45m	£185.00
3003-5	Disposable SpO2 Infant - 0.45m	£185.00
3003-6	Disposable SpO2 Neonatal - 0.45m	£185.00

DATEx LEGACY H-Connector

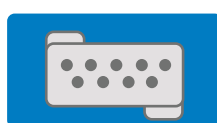


All monitors with
M-OSAT and N-XOSAT
modules

Part No.	Description	Price
EC4004	Datex Compatible - 3m cable	£59.00



22



70

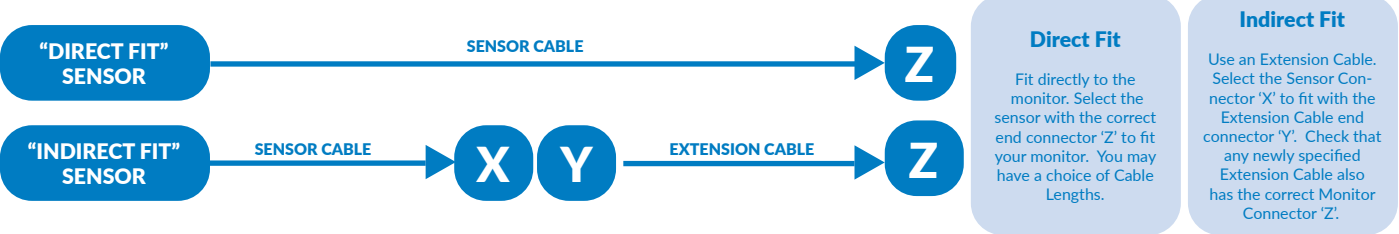
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Fax: 01536 461837

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Pulse Oximetry

Use the compatibility chart below to identify the sensor you require



01	03	04	05	09
10	14	17	18	19
22	33	34	41	45
50	55	60	62	64
69	70	74		

If you are unable to identify the sensor you need, do not hesitate to contact our Sales Team who will be happy to assist you

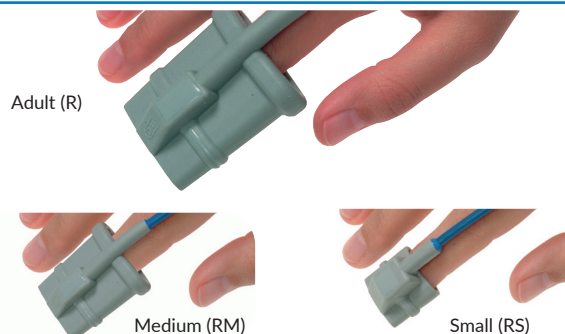
EnviteC Multi-Compatible Reusable SpO2 Sensors

- Super high quality electronically matched optics for full compatibility with stated manufacturers oximeters - FDA & CE approved
- Dedicated products for optimal performance and maximum patient comfort
- Easy to clean and disinfect
- Rubber Soft-Tip sensors offer superior durability in extreme conditions



Soft Tip® 'R' Range Reusable

Description	Silicone Rubber Finger Sensor
Warranty	24 months
Apply to...	Index, Middle or Ring Finger
Suitable for...	Patient Size: >20kg Spot Checks Mid term monitoring / Transport



Comfort Line 'EW' Range Reusable

Description	Articulated Finger Clip Sensor
Warranty	12 months
Apply to...	Index, Middle or Ring Finger
Suitable for...	Patient Size: >20kg Spot Checks Short term monitoring



Comfort Line 'ES' Range Reusable

Description	Ear Clip Sensor
Warranty	12 months
Apply to...	Ear
Suitable for...	Patient Size: >30kg Spot Checks Mid term monitoring / Stress testing



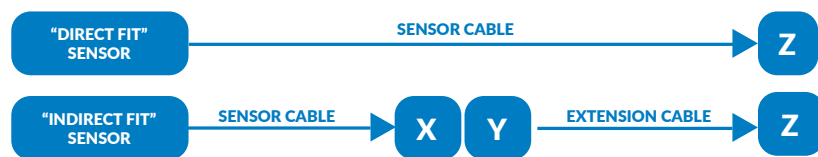
Comfort Line 'WRAPS' Range

Description	Silicone Rubber Sensor with Velcro Wrap
Warranty	9 months
Apply to...	Finger, Hand or Foot
Suitable for...	Patient Size: >1kg Spot Checks Long term monitoring



Pulse Oximetry

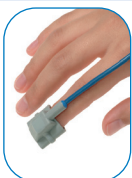
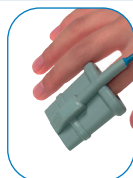
Use the compatibility chart below to identify the sensor you require



Original Equipment					EnviteC Comfort Line Ear Sensor	EnviteC Comfort Line Finger Sensor (Adult)
Manufacturer	Oximeter Model / Part No	Sensor Part No.	X or Z Sensor End	Cable Length	Part No.	Part No.
Armstrong Medical	AD-900, 1000, 2000, 3000, 4000	BCI 3044 / BCI 3444N	03 Sub D	1.2m		EW3222-12 £58.00
Artema	Diascope	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
BCI (Biochem Int'l)	3100, 3101, 6100, 9100, Advisor, Autocon, Mini Torr Mini Torr Plus	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
	(Same as above)		03 Sub D	3.0m		EW3222-30 £63.00
	3300, 3301, 3302, 3303, 3304, 3401, 3402	BCI 3044 / BCI 3444N	03 Sub D	1.2m		EW3222-12 £58.00
	(Same as above)		03 Sub D	3.0m		EW3222-30 £63.00
Biosys Co. Ltd	BPM-200, Vital Sign Monitor SENTRY	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Bruker (see Odam)						
Burdick (see Spacelabs Burdick)						
Choice Electronic Co.	All Monitors	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
Colin	Press-Mate SAT, BP 88, BP-306, BP-508, BP-808 BP-88S	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Corometrics (see GE Medical)						
Critikon (see GE Medical)						
Datascope	Expert, Passport, Accutor Plus (Nellcor SpO2)	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
GE Datex (New Gen)	New Generation Models (with C64 Connector)		64 Marquette	3.0m	Please call for details	EW3513-30 £100.00
Datex	AS/3; CS/3; CH/S; CH-RS, CG/2; Cardiacap I, II, 5; Capnomac, Ultima; Light	Datex SAS-F	01 Sub D	0.9m		EW3512-9 £51.00
	(Same as above)	OXY-F-DB	01 Sub D	2.0m		EW3512-20 £63.00
	(Same as above)	OXY-F4-N	14 Nicolay	3.6m		EW3512-40 £72.00
	Ohmeda 3700, 3710, 3770, 3775, Biox 3740, 3760, 3800, 3900, 4700, TuffSat, OxiCap	OXY-F4-H	22 Hypotronics	3.6m		
Datex-Ohmeda	(Same as above)	OXY-F4-H	22 Hypotronics	1.0m		EW3412-10 £83.00
	(Same as above)		01 Sub D	0.9m		EW3412-9 £58.00

Pulse Oximetry

This chart will help you to identify which sensor you require. For Direct Fit Sensors which fit directly into the monitor, select the sensor with the correct end connector 'Z' (see page 31 for connector fittings) to fit your monitor. You may have a choice of cable lengths. For indirect Sensors which use an extension cable - select the Sensor Connector 'X' to fit with the Extension Cable and End Connector 'Y'. Check that any newly specified Extension Cable also has the correct Monitor Connector 'Z'.



EnviteC Soft-Tip Finger Sensor Large	EnviteC Soft-Tip Finger Sensor Medium	EnviteC Soft-Tip Finger Sensor Small	EnviteC Rubber WRAP Sensor	EnviteC Adapter Cables			EnviteC Extension Cables		
Part No.	Part No.	Part No.	Part No.	Connectors Y to Z	Cable Length	Part No.	Connectors Y to Z	Connectors Y to Z	Part No.
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70							
For ALL Nellcor™ Compatible Sensors See Page 25									
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00	60 > 33	2.4m				
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00				60 > 03	2.4m	
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		

For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
R3513-30 £199.00	RM3513-30 £199.00								
R3512-9 £128.70	RM3512-9 £128.70	RS3512-9 £128.70		60 > 14	3.0m				
R3512-20 £146.85	RM3512-20 £146.85			60 > 14	3.0m				
R3512-40 £165.00	RM3512-40 £165.00	RS3512-40 £165.00							
R3412 £165.00	RM3412 £165.00	RS3412 £165.00							
R3412-9 £128.70	RM3412-9 £128.70	RS3412-9 £128.70	W3412-9 £76.00	60 > 22	2.4m				

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Pulse Oximetry

Use the compatibility chart below to identify the sensor you require

<div><div>"DIRECT FIT" SENSOR</div><div>SENSOR CABLE</div><div>Z</div></div> <div><div>"INDIRECT FIT" SENSOR</div><div>SENSOR CABLE</div><div>X</div><div>Y</div><div>EXTENSION CABLE</div><div>Z</div></div> <div></div> <div></div> <div></div>						
Original Equipment					EnviteC Comfort Line Ear Sensor	EnviteC Comfort Line Finger Sensor (Adult)
Manufacturer	Oximeter Model / Part No	Sensor Part No.	X or Z Sensor End	Cable Length	Part No.	Part No.
Digicare	Digimax 5500	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
Drager	Drager Oxipac 2000, 2500	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
	Vitalert 1000, Cicero, GammaXL, DeltaXL, Kappa	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	Narkomed	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
EnviteC	PulsiQuant 8040	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
Fukuda Denshi	HG302 Module, DS-5100E, DS5300W	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	LX-5230		45 Direct	0.33m		
GE Medical Systems	7000 Series, TRAM A R, TRAM 200SL, 400SL, 600SL, 800A, 800SL	Ohmeda 6051-0000-035	22 Hypotronics	2.95m		
	(same as above)		01 Sub D	0.9m		EW3412-9 £58.00
	Eagle, Dash, SOLAR, TRAM Modular, 250SL, 450SL, 650SL, 850A, 850SL,	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	Hellige Eagle 1000, 3000 SMU, SMK, SMV, Corometrics 120, 510, 511, 118	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	Corometrics 556, 570		22 Hypotronics	3.6m		
	Critikon Dinamap 9700 / 9710 / 9720, Plus, Compact, MP5, Select, Dinamap Pro 100-400	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Hellige (see GEMedical)						
Hewlett Packard (see Phillips)						
Invacare	All Monitors	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
Invivo Research	4500 Plus 2	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Ivy Biomedical	405A, 405D	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	405P, 405T	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Lynn Medical	All Monitors	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
Magna Medical	MON-MTEK-30, 33, 35, 40, 85, 1200, 1201, 1300, 1401, 1406, 1411, 1413, 1501, 1503	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00

Pulse Oximetry

This chart will help you to identify which sensor you require. For Direct Fit Sensors which fit directly into the monitor, select the sensor with the correct end connector 'Z' (see page 31 for connector fittings) to fit your monitor. You may have a choice of cable lengths. For indirect Sensors which use an extension cable - select the Sensor Connector 'X' to fit with the Extension Cable and End Connector 'Y'. Check that any newly specified Extension Cable also has the correct Monitor Connector 'Z'.



EnviteC Soft-Tip Finger Sensor Large	EnviteC Soft-Tip Finger Sensor Medium	EnviteC Soft-Tip Finger Sensor Small	EnviteC Rubber WRAP Sensor	EnviteC Adapter Cables			EnviteC Extension Cables		
Part No.	Part No.	Part No.	Part No.	Connectors Y to Z	Cable Length	Part No.	Connectors Y to Z	Connectors Y to Z	Part No.
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
For ALL Nellcor™ Compatible Sensors See Page 25				60 > 39	2.4m	EC5712 £138.84	See Page 25		
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
R2182-3 £165.00	RM2182-3 £165.00	RS2182-3 £165.00							
For ALL Nellcor™ Compatible Sensors See Page 25				60 > 50	2.4m	EC5812 (Non-Oximax) £103.74			
For ALL Nellcor™ Compatible Sensors See Page 25									
							See Page 25		

R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70							
For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25									
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						

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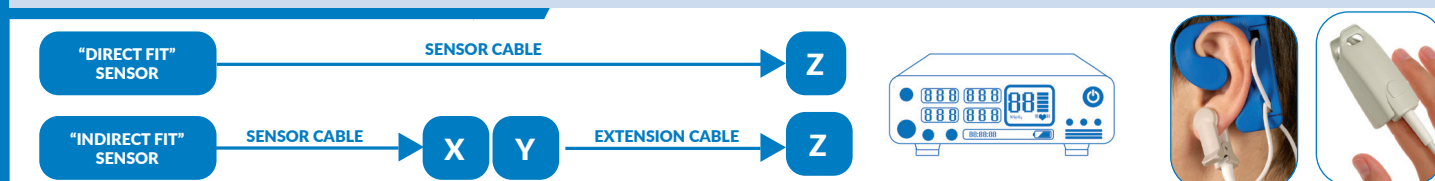
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Pulse Oximetry

Use the compatibility chart below to identify the sensor you require



Original Equipment					EnviteC Comfort Line Ear Sensor	EnviteC Comfort Line Finger Sensor (Adult)
Manufacturer	Oximeter Model / Part No	Sensor Part No.	X or Z Sensor End	Cable Length	Part No.	Part No.
Marquette (see GEMedical)						
Masimo	All Models	Masimo®	41 3M		For ALL MASIMO® Compatible Sensors See Page 27	
Mediana	YM-2002 Series	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
MEDLAB	NANOX2, NANOXeco	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00
	PEARL10, NANOX10, NANOX10C	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 22	
Mennen	Horizon XL (Ohmeda SpO2)	Mennen 0800-060-540	22 Hyptronics	2.95m		
	(same as above)	Nellcor DS100A	01 Sub D	0.9m		EW3412-9 £58.00
	1200, MR 1303		05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Mindray	PM-50, PM-600, PM 5000, PM-6000, PM-7000, PM-8000, PM-9000, MEC-1000	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
Minolta	PulseOx-3		45 Direct	0.33m		
Nihon Kohden	AK-800PA Module; BSM-1101, 2101/2, 3101, 7100, 7200; OLV-1100A, Lifescope	N.K TL-101S	18 Nicolay	2.95m		
	(same as above)		01 Sub D	0.9m		
	AL-900P Module; BSM-1102, 8510, OGS-2000	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	BSM-4104A, 4114A	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	BSM-2301K, BSM-2303K, BSM-2351, BSM-2353, BSM-4103, BSM-4113	N.K TL-201T	10 Sub D	1.6m	ES2203-16 £110.00	
Nonin	PROACT are the exclusive distributors for Nonin Medical for the UK and Eire. Please see pages 20-21 for original Sensors. Original Nonin Sensors contain PureLight® Technology which is essential for maximum accuracy of your Nonin Monitor. Nonin Sensors are extremely durable and offer the longest warranty available, as well as excellent value for money.					
Odam	All models	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES2414 £104.00	
Ohmeda (See Datex)						
Phillips	78352C, 78354C, 78834C, M1020A, M1025B, M1025A, M1350B, M1722A/B	M1190A	17 Nicolay	2.95m	ES2414-15 £117.00	EW2412 £83.00
	(same as above)	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25	
	MP20, MP30, MP40, MP50, MP60, MP70, M990, M4S29A, Telemetry, M2601A	M1191A/B	19 HP Small	1.5m	ES2414-15 £117.00	EW2414-15 £67.00

Pulse Oximetry

This chart will help you to identify which sensor you require. For Direct Fit Sensors which fit directly into the monitor, select the sensor with the correct end connector 'Z' (see page 31 for connector fittings) to fit your monitor. You may have a choice of cable lengths. For indirect Sensors which use an extension cable - select the Sensor Connector 'X' to fit with the Extension Cable and End Connector 'Y'. Check that any newly specified Extension Cable also has the correct Monitor Connector 'Z'.



EnviteC Soft-Tip Finger Sensor Large	EnviteC Soft-Tip Finger Sensor Medium	EnviteC Soft-Tip Finger Sensor Small	EnviteC Rubber WRAP Sensor	EnviteC Adapter Cables			EnviteC Extension Cables		
Part No.	Part No.	Part No.	Part No.	Connectors Y to Z	Cable Length	Part No.	Connectors Y to Z	Connectors Y to Z	Part No.
For ALL MASIMO® Compatible Sensors See Page 27									
For ALL Nellcor™ Compatible Sensors See Page 25				See Page 25					
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
For ALL Nellcor™ Compatible Sensors See Page 25				See Page 25					
R3412 £165.00	RM3412 £165.00	RS3412 £165.00							
R3412-9 £128.70	RM3412-9 £128.70	RS3412-9 £128.70	W3412-9 £76.00						
For ALL Nellcor™ Compatible Sensors See Page 25				See Page 25					
For ALL Nellcor™ Compatible Sensors See Page 25				See Page 25			See Page 25		
R2182-3 £165.00	RM2182-3 £165.00	RS2182-3 £165.00							
		RS2202-1 £165.00							
For ALL Nellcor™ Compatible Sensors See Page 25				See Page 25			See Page 25		
For ALL Nellcor™ Compatible Sensors See Page 25				60 > 41	3.0m	EC4213 £86.58			
	RM2203-16 £165.00	RS2203-16 £165.00	W-2203-16 £125.00						

PROACT are the exclusive distributors for Nonin Medical for the UK and Eire. Please see pages 23 for original Sensors. Original Nonin Sensors contain PureLight® Technology which is essential for maximum accuracy of your Nonin Monitor. Nonin Sensors are extremely durable and offer the longest warranty available, as well as excellent value for money.

R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
R2412 £165.00	RM2412 £165.00	RS2412 £165.00	W2412 £135.00						
For ALL Nellcor™ Compatible Sensors See Page 25							62 > 17	2.0m	EC5414 £86.58
R2414-15 £128.70	RM2414-15 £128.70	RS2414-15 £128.70	W2414-15 £125.00				62 > 19	2.0m	EC5415 £86.58

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Pulse Oximetry

Use the compatibility chart below to identify the sensor you require

<div><div><div>"DIRECT FIT" SENSOR</div><div>SENSOR CABLE</div><div>Z</div></div><div><div>"INDIRECT FIT" SENSOR</div><div>SENSOR CABLE</div><div>X</div><div>Y</div><div>EXTENSION CABLE</div><div>Z</div></div></div> <div></div> <div></div> <div></div>					Original Equipment		EnviteC Comfort Line Ear Sensor	EnviteC Comfort Lin Finger Sensor (Adult)
Manufacturer	Oximeter Model / Part No	Sensor Part No.	X or Z Sensor End	Cable Length	Part No.	Part No.		
Protocol (See Welch Allyn)								
RGB Medical Devices	Omicrom FT, Omicron PREMIUM	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00		
	(same as above)		33 Lemo	3.0m		EW3222-30 £63.00		
S&W (see Artema)								
Schiller	CM8	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25			
	Argus TM-7	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25			
Siemens Medical	Sirecust 700, 630; Siren SpO2 Module	Nellcor DS100A	05 Sub D	0.9m	Sirecust 700, 630; Siren SpO2 Module			
	SC 6002, SC 7000, SC 8000, SC 9000XL	Nellcor DS100A	05 Sub D	0.9m	SC 6002, SC 7000, SC 8000, SC 9000XL			
Smiths Medical (see BCI)								
Spacelabs Burdick	PRO2	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00		
Spacelabs Medical	90419, 90501, 90651A-03		21 Hypotronics	3.0m				
	(same as above)		25 Hypotronics	3.6m				
	90351-0/6, 90465, 90466, 90467, 90651A-08, PC Express, 90489, IM77	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25			
	90651A-08, 90489, 90466, 90467, 90465, 90351-D/G, 90308, PC Express		24 Hypotronics	0.9m				
	90496 Ultraview (Nellcor SpO2)	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 25			
Welch Allyn Protocol	Propaq 206-EL, 204-EL, 202-EL, 106-EL	Nellcor DS100A	05 Sub D	0.9m	For ALL Nellcor™ Compatible Sensors See Page 22			
Weinmann	Oxycount Mini	BCI 3044 / BCI 3444N	03 Sub D	1.2m	ES3222-12 £69.00	EW3222-12 £58.00		

Pulse Oximetry

This chart will help you to identify which sensor you require. For Direct Fit Sensors which fit directly into the monitor, select the sensor with the correct end connector 'Z' (see page 31 for connector fittings) to fit your monitor. You may have a choice of cable lengths. For indirect Sensors which use an extension cable - select the Sensor Connector 'X' to fit with the Extension Cable and End Connector 'Y'. Check that any newly specified Extension Cable also has the correct Monitor Connector 'Z'.



EnviteC Soft-Tip Finger Sensor Large	EnviteC Soft-Tip Finger Sensor Medium	EnviteC Soft-Tip Finger Sensor Small	EnviteC Rubber WRAP Sensor	EnviteC Adapter Cables			EnviteC Extension Cables		
Part No.	Part No.	Part No.	Part No.	Connectors Y to Z	Cable Length	Part No.	Connectors Y to Z	Connectors Y to Z	Part No.

R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						

For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25									

R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						
For ALL Nellcor™ Compatible Sensors See Page 25									
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
For ALL Nellcor™ Compatible Sensors See Page 25							See Page 25		
R3222-12 £128.70	RM3222-12 £128.70	RS3222-12 £128.70	W3222-12 £83.00						

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Creative PC-60E Kits

Finger Pulse Oximeter & External Sensors

NEW!

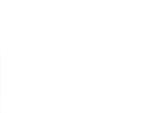
- Unique lightweight, compact Adult/Child Finger Pulse Oximeter with optional external sensors making it suitable for Spot Check / Attended monitoring on Adult, Paediatric and Neonatal / Infant patients
- Supplied as a kit with your choice of external sensor. All sensors are available separately
- Accurately measures and displays SpO2 / Pulse Rate / Perfusion Index and Waveform
- Plethysmographic Waveform allows optimal sensor placement
- Creative signal processing technology offers artifact removal and motion tolerance
- "No button" design with colour OLED display of SpO2, PR, PI, Pulse bar and waveform
- Clear multi-colour screen with Innovative auto-rotate four direction display
- Low battery voltage indication. Battery life >30 hours with x2 AAA batteries
- Automatic power ON/OFF when finger is inserted/removed
- Pre-set audio and visual alert functions for SpO2 and Pulse Rate (SpO2 low limit: 90%, Pulse Rate: High limit: 120bpm and Low limit: 50bpm)
- CE Certified ISO 13485:2016 manufacturer
- Easy to clean – Oximeter and sensors can be easily wiped down between uses.
- Supplied with QA quality certificate, carry pouch, lanyard and x2 AAA batteries
- 2 year warranty on main unit, 1 year warranty on Finger Clip /Soft Sensor, 6 months on Wrap Sensors



Optional L Type Wrap Sensor, Paediatric Finger/Toe



Optional Y Type with Velcro Wrap - Neonate / Infant Foot



Optional Paediatric Finger Clip Sensor



Optional Paediatric Silicone Sensor



Part No.	NPC	Description	Qty	Price
PC-60E	---	Creative PC-60E Finger Pulse Oximeter Option of external sensors for Paediatric and Infant use	Single	£69.00
KITPC60E-P	---	Creative PC-60E Finger Pulse Oximeter With additional Paediatric Clip Sensor (CR15040025)	Single	£104.00
KITPC60E-SP	---	Creative PC-60E Finger Pulse Oximeter With additional Paediatric Silicone Sensor (CR15040014)	Single	£104.00
KITPC60E-V	---	Creative PC-60E Finger Pulse Oximeter With additional Neonatal / Infant Foot Velcro Wrap Sensor (CR15040073)	Single	£104.00
KITPC60E-VP	---	Creative PC-60E Finger Pulse Oximeter With additional Paediatric Finger / Toe Velcro Wrap Sensor (CR15040032)	Single	£104.00
CR15040014	---	Creative SpO2 Sensor for PC60NW/PC-60E Silicone - Paediatric - 0.2m Cable	Single	£35.00
CR15040025	---	Creative SpO2 Sensor for PC60NW/PC-60E Finger Clip - Paediatric - 0.2m Cable	Single	£35.00
CR15040073	---	Creative SpO2 Sensor for PC60NW/PC-60E Y Type with Velcro Wrap - Neonate / Infant Foot - 0.2m Cable	Single	£35.00
CR15040032	---	Creative SpO2 Sensor for PC60NW/PC-60E L Type Wrap Sensor, Paediatric Finger / Toe - 0.5m Cable	Single	£35.00
CR2500-0000288	---	Disposable Velcro Wrap for use with Creative Y Type Sensors Ankle Cable Support - 200mm	6	£10.00
CR3101-0000042	---	Disposable Velcro Wrap for use with Creative Y Type Sensors Foot - 205mm	6	£10.00
CR3101-0000026	---	Disposable Finger / Toe Wrap (100mm) for use with L Type Wrap Sensors	6	£10.00
CR3101-0000027	---	Disposable Finger / Toe Wrap (100mm) for use with L Type Wrap Sensors	6	£10.00

Creative PC-60E Specifications

Display Mode

Colour OLED Display - 4 way rotating via button,
Plethysmographic Waveform - Signal Strength Bar and Perfusion Index options

SpO2

Transducer	Dual Wavelength LED Sensor
Measuring range	35% - 100%
Measuring accuracy	≤ 3% range from 70% to 100%

Pulse Rate

Measuring Range	35% - 99%
Accuracy	±2bpm or ±2% (whichever is greater)

ISO 80601-2-61 - Particular Requirements for Basic Safety and Essential Performance of Pulse Oximeters

Perfusion Index (PI)

Display range	0% - 20%
---------------	----------

Default Alert Limits

SpO2 low limit	90%
Pulse Rate	High limit: 120bpm Low limit: 50bpm

Power Supply

x2 AAA alkaline battery

Supply voltage	3.0v DC
Operating current	≤ 40mA

Dimensions

61mm (L) x 33 (W) x 32.5 (H)
Net Weight: 57g (including batteries)

Operating Environment

Operating Temperature	5°C - 40°C
Operating Humidity	30% - 80%
Atmospheric Pressure	70kPa - 106kPa



Pulse Oximetry

Creative PC-60B1 Finger Pulse Oximeter

- Super tough Professional/Home Care Finger Pulse Oximeter indicated for use in measuring SpO₂ and Pulse Rate on Adult to Paediatric Patients
- Low battery voltage indication. Battery life >30 hours with 2x AAA batteries
- Automatic power ON/OFF for ease of use
- Innovative four direction dual colour LCD display via button press
- Plethysmographic waveform allows for optimum finger placement
- Creative signal processing technology offers artefact removal and motion tolerance
- Accurately measures SpO₂, Pulse Rate, PR and PI (Perfusion Index)
- Pre-set audio and visual alert functions for SpO₂ and Pulse Rate (SpO₂ low limit: 90%, Pulse Rate: High limit: 120bpm and Low limit: 50bpm)
- CE Certified ISO 13485:2016 manufacturer
- Easy to clean – Oximeter sensor can be easily wiped down between uses
- Supplied with AQ Quality Certificate, Carry Case, Lanyard and batteries
- 3 Year drop inclusive warranty on main unit



CREATIVE MEDICAL

Part No.	NPC	Description	Colour	Qty	Price
PC-60B1BK	FBC1381	Creative PC-60B1 Finger Pulse Oximeter With Carry case	Black	Single	£53.85
PC-60B1BL	FBC1382	Creative PC-60B1 Finger Pulse Oximeter With Carry case	Blue	Single	£53.85
PC-60B1PK	---	Creative PC-60B1 Finger Pulse Oximeter With Carry case	Pink	Single	£53.85
PC-60B1YE	FBC1383	Creative PC-60B1 Finger Pulse Oximeter With Carry case	Yellow	Single	£53.85
CR3101-5000031		Replacement Creative Case for Finger Oximeters (Orange)		Single	£3.50

Creative PC-60B1 Specifications

Power Supply Requirement

LR03 (AAA) Alkaline Battery	x2
Supply Voltage	3.0VDC
Operating Current	≤40mA

Environment Requirement

Operating Temperature	5°C - 40°C
Operating Humidity	30% - 80%
Atmospheric Pressure	70kPa - 106kPa

SpO₂ Parameter Specifications

Transducer	Dual Wavelength LED Sensor
Measuring Range	35% - 99%
Accuracy	±2bpm from 70% to 99% ±3% below 70%
NOTE: Accuracy defined as root-mean-square value of deviation according to ISO 9919	
SpO ₂ Alert	Lower Limit: 90%

Pulse Rate Parameter Specifications

Measuring Range	30bpm - 240bpm
Accuracy	±2bpm or ±2% (whichever is greater)

Pulse Rate Alert	High limit: 120bpm Low limit: 50bpm
------------------	--

Perfusion Index Display

Range	0% - 20%
-------	----------

Performance under low perfusion condition

SpO₂ and PR accuracy remain within the stated ranges down to a modulation amplitude of 0.6%. Low perfusion performance is essential for accuracy confidence

Resistance to interference of surrounding light

The difference between the SpO₂ value measured in the condition of indoor natural light and that of the darkroom is less than ±1%

Resistance to 50Hz / 60Hz interference

SpO₂ and Pulse Rate are unaffected as tested by BIO-TEK pulse oximeter simulation

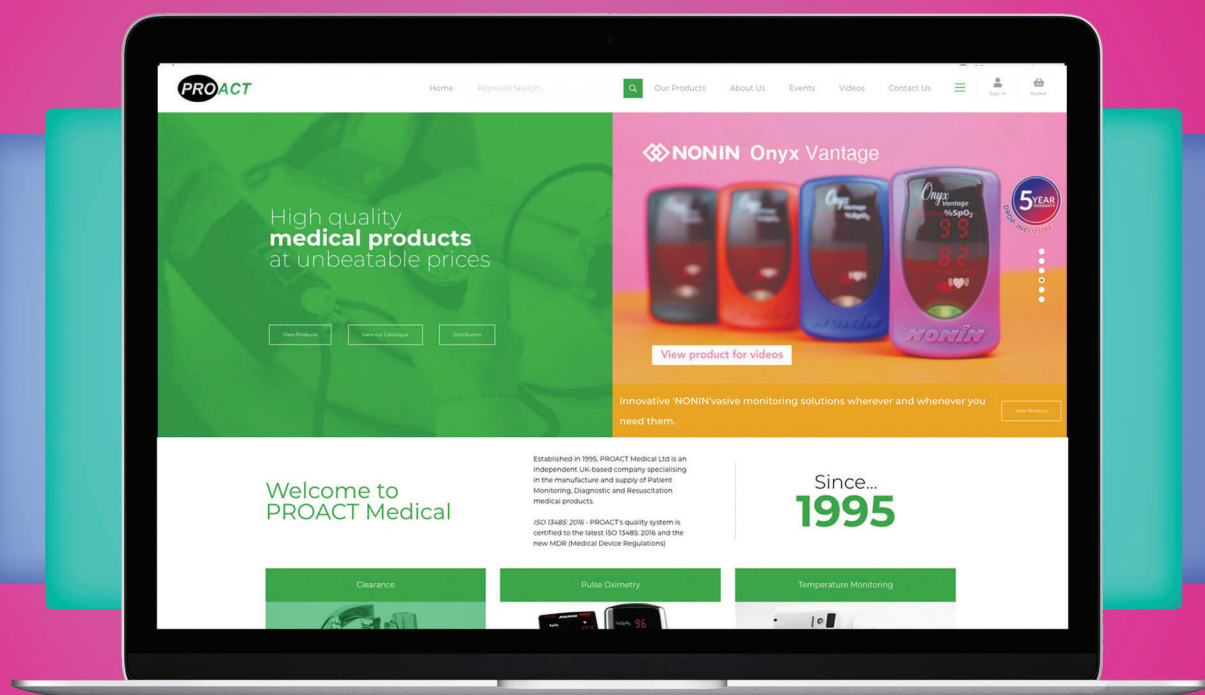
Dimensions

59mm (L) x 34 (W) x 30 (H)
Net Weight: 50g (including batteries)



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Same high quality, with a **fresh** new look



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proactmedical.co.uk



Capnography

Creative PC-900B

Handheld Capnograph & Oximeter

Includes a free case

- Handheld Capnograph and Oximeter with Sidestream technology used to monitor EtCO₂ / FiCO₂, RR, SpO₂ & PR for intubated and non-intubated Adult and Paediatric patients
- Wide range of Luer sampling lines, O₂/CO₂ masks and SpO₂ Sensors available
- Also compatible with Microstream™ Low Flow (50ml/min) Sampling Line range by using specially designed T4M Orange Water Trap Filter/Adapter
- Clear full colour 7.5cm TFT display provides both graphical trends and plethysmographic waveforms plus clear digital numeric values
- Long life rechargeable lithium battery offers up to 10 hours working time
- Compact and lightweight unit available with optional extra heavy duty carry case making it ideal for emergency, transport and rescue situations
- Patient ID prompt on start-up allows for easy allocation of data to the correct patient
- CO₂ readings can be changed between kPa / mmHg / %
- Fully adjustable audio and visual alarms
- 24 hour graphic trend
- USB connectivity for data transfer using the free of charge Data Review Software from Creative
- Auto self-zeroing calibration when unit is turned on. Annual verification check is required which can be carried out by PROACT or we can provide optional calibration kit and instruction video
- Easy to clean – Monitor and reusable sensor can be easily wiped down between uses
- Supplied with reusable Adult Silicone SpO₂ sensor, 2x CO₂ Luer Sampling line, 2x Adult Nasal Cannula, 6x T4F Water Trap Filter, 2x Elbow Connector, Stand, USB Charging Cable, plug and basic carry case
- 1 year warranty on main unit



 **CREATIVE MEDICAL**

Part No.	NPC	Description	Qty	Price
CR-PC900B-11	FBC342	PC-900B Hand Held SideStream EtCO ₂ and SpO ₂ (CREATIVE) Monitor With Adult Soft Sensor, CO ₂ Sampling Clip, USB Charging Cable and Carry Case	Single	£1595.00
CR-PC900B-12	---	PC-900B Hand Held SideStream EtCO ₂ and SpO ₂ (NELLCOR OXIMAX) Monitor With Adult Clip Sensor, CO ₂ Sampling Clip, USB Charging Cable and Carry Case	Single	£1995.00
CR664522	FBC1365	Water Trap/Filter T4F for use with standard M Luer sample lines - Reusable	10	£55.00
CR664523	---	Water Trap/Adapter T4M for "microflow" (50ml/min) type sample lines - Reusable	10	£55.00
WL99370010	FBC1353	Well Lead Elbow Connector - 22F / 15M with Port	50	£40.00
PBSL08003-50	FBC1355	PROACT Gas Sampling Line, Male/Male Luers, 1.27mm ID x 3.0m	50	£55.00
For full range of CO ₂ Lines please see page 52. For SpO ₂ Sensors please see below or page 25 for Nellcor® OxiMAX Sensors as required				
CR15040022	---	Creative SpO ₂ Sensor (SUB-D), Finger Clip, Adult - 2m Cable	Single	£49.50
CR15040055	---	Creative SpO ₂ Sensor (SUB-D), Finger Clip, Paediatric - 2m Cable	Single	£49.50
CR15040050	FBC953	Creative SpO ₂ Sensor (SUB-D), Silicone Sensor, Adult - 2m Cable	Single	£49.50
CR15040051	FBC982	Creative SpO ₂ Sensor (SUB-D), Silicone Sensor, Paediatric - 2m Cable	Single	£49.50
CR15040074	---	Creative SpO ₂ Sensor (SUB-D), Y Type with Velcro Wrap - Infant - 2m Cable	Single	£49.50
CR2500-0000288	---	Disposable Velcro Wrap for use with Creative Y Type Sensors - Auxiliary - 200mm	Single	£10.00
CR3101-0000042	---	Disposable Velcro Wrap for use with Creative Y Type Sensors - Toes - 205mm	Single	£10.00
CR5550-010	---	Pole Mount Clamp for Creative PC-900B Monitor	Single	£69.00
CR2500-0000159	---	Silicone Rubber Protector for Creative PC-900B - Blue	Single	£12.50
CR2302-0000013	---	Replacement Lithium Battery for PC-900B Capnograph	Single	£39.50
CR2301-0000016	---	Power Supply Adapter for use with Creative PC-200, PC-300 & PC-900B Monitors, UK Plug	Single	£19.95
CR2302-2000010	---	Charger Cable (USB to Mini USB) for Creative PC-900B Monitor - 1.5m	Single	£9.50
CR-12VDC9B	---	12V DC Vehicle Power Adapter to 5V DC Mini USB for Creative PC-900B Monitor - 3m	Single	£29.50
PROBAG-CAP	---	Carry Case for Creative PC-900B Monitor	Single	£49.50

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Creative PC-900B Parameter Specifications

ETCO ₂ and FiCO ₂		Operating Conditions	
Mode of measurement:	Sidestream (non-dispersive infrared)	Temperature	-5 to 50°C
Range:	0 to 150mmHg or 0 to 20kPa or 0 to 20% (v/v)	Humidity	<93% (non-condensing) = <29.45 hPa
Accuracy	±2mmHg for EtCO2 range 0-40mmHg ±5% for EtCO2 range from 41 to 70mmHg ±8% for EtCO2 range from 71 to 100mmHg Over 100mmHg ±10%	Atmospheric pressure	70 to 120kPa
Update Frequency		Storage Conditions	
Update Frequency	Option of every breath or 10, 20 or 30 seconds	Temperature	-30 to 70°C
Warm up time	< 20 seconds	Humidity	<93% (non-condensing)
Sample flow rate	50 to 250ml/min User adjustable. Default=100ml/min	Atmospheric pressure	50 to 120kPa
Memory	24 hours on screen trend and numeric	Dimensions	
Respiration Rate		Size	72 x 155 x 40mm (W x H x D)
Range	3 - 150 breaths/minute	Weight	600g (Weight of sampling kit on ETT/LMA: <25g)
Accuracy	±1% of reading or ±1 breath/min whichever is greater	Warranty and Calibration	
Memory	24 hours	One year warranty on main unit	
SpO ₂		Self-zeroing calibration, annual calibration check recommended	
Range	0 to 100%	IP rating	IP32 when used with specified supplied with blue silicone case
Accuracy	±2% for SpO2 range from 70 to 100% ±3% for SpO2 range from 50 to 69%	CE & Compliance	
Memory	24 hours	93/42/EEC Medical Directive Compliant	
Pulse Rate		CE 0123	Shenzhen Creative Industry Co. Ltd
Range	30 to 250bpm		
Accuracy	±2% for PR range from 30 - 250bpm		
Memory	24 hours		
Power			
AC Input	100V to 250V, 50Hz / 60 Hz with 5V mini USB adapter. Optional Vehicle 12V to 5V Mini USB Charger Lead		
Battery			
Type	Built-in rechargeable lithium battery pack (3.6V, 3000mAH)		
Charging Time	4 hours		
Operating time	10 hours		

Capnography

Nonin LifeSense II Widescreen Capnograph & Pulse Oximeter

**3 year
Warranty**

- LifeSense II Capnograph and Pulse Oximeter with widescreen touch-panel display offers Nonin's Sidestream EtCO₂ technology and proven PureSAT® SpO₂ which can be used in a wide range of clinical settings for both Intubated and NON Intubated patients. For use on Adult and Paediatric patients only.
- Offers four-hour trending of pulse rate, SpO₂, Respiration and EtCO₂
- Versatile and simple to use - suitable for spot checking to long term monitoring of patients in Hospitals, Surgeries and home use scenarios
- Large numerical display with CO₂ and Plethysmographic waveforms with backlight for maximum clarity under all conditions
- Accurate readings from Nonin Low Flow sidestream technology and highly accurate PureSAT® SpO₂ technology (ISO 80601-20-61 Compliant)
- Adjustable visual and audible alarms give added patient safety during long term monitoring
- Powered by a Li-Ion battery pack (included). Battery operating life when fully charged offers approximately 8 hours continuous use. Alternatively, can be mains powered
- 36 hour internal memory with USB data port for data transfer
- Compact and lightweight with optional case
- A full range of CO₂ lines and SpO₂ sensors are available
- Easy to clean - Monitor and reusable sensor can be easily wiped down between uses
- Supplied with 3 spare filters, water trap, 3 adult CO₂ nasal cannula, T-Connector and sample line, mains power supply/charger, protective carry case and CD operator's manual
- 3 year warranty on main unit



Part No.	NPC	Description	Qty	Price
N10937-030	FBC1327	LifeSense II Vital Signs Pulse Oximetry and Capnography Monitor with Adult Soft SpO ₂ Sensor and Sampling Starter Kit	Single	£2395.00

Nonin Sense Units - Data Transfer Options

- Data is transferred from the memory to a computer/laptop via a USB flash drive following prompts on the monitor.

This can then be analysed using the following software:

Capno Report Converter Software (Excel 2010 or above)
Currently available to download free of charge from the
NONIN website or as a kit, shown below
nVision (see page 21)
Stowood VisiDownload (see page 22)



Data from the Nonin Sense II monitors can also be integrated with Sleep Diagnostic Systems / PSGs such as:

NATUS (Bio-logic, XLTEK, Embla S4500, N7000 and MDRIVE)	Respironics (Alice 5, Alice 6)	Carefusion / Sormedics (SomnoStar)
	CompuMedics (E-Series)	Cadwell Laboratories (Easy II, Easy III)

Part No.	NPC	Description	Qty	Price
N10534-001	---	Digital to Analogue Converter Cable - For Nonin LifeSense II Monitor & PSG, 0-1V/3.5mm Mono	Single	£325.00
N10534-002	---	Digital to Analogue Converter Cable - For Nonin RespSense II Monitor & PSG, 0-1V/3.5mm Mono	Single	£325.00
N10534-003	---	Digital to Analogue Converter Cable - For Nonin Sense II Monitors & Embla PSG, 0-1V/RJ9	Single	£325.00
N10534-004	---	Digital to Analogue Converter Cable - For Nonin Sense II Monitors & NK/MDrive PSG, 0-1V/2.5mm Mono	Single	£325.00
N10935-001	---	Capno Report Converter Software CD & USB Flash Drive - for Nonin LifeSense II & RespSense II Monitors	Single	£49.00

Nonin RespSense II Widescreen Capnograph

3 year
Warranty

- RespSense II Capnograph with widescreen touch-panel display offers Nonin's Sidestream EtCO₂ technology which can be used in a wide range of clinical settings for both Intubated and NON Intubated patients
- For use on Adult and Paediatric patients only
- Offers four-hour trending of Respiration and EtCO₂
- Versatile and simple to use - suitable for spot checking to long term monitoring of patients in Hospitals, Surgeries and home use scenarios
- Large numerical display with CO₂ waveform with backlight for maximum clarity under all conditions
- Accurate readings from Nonin Low Flow sidestream technology (ISO 80601-20-61 Compliant)
- Adjustable visual and audible alarms give added patient safety during long term monitoring
- Powered by a Li-Ion battery pack (included). Battery operating life when fully charged offers approximately 8 hours continuous use. Alternatively, can be mains powered
- 36 hour internal memory with USB data port for data transfer
- Compact and lightweight with optional case
- A full range of CO₂ lines are available
- Easy to clean - Monitor and reusable sensor can be easily wiped down between uses
- Supplied with 3 spare filters, water trap, 3 adult CO₂ nasal cannula, T-Connector and sample line, mains power supply/charger, protective carry case and CD operator's manual
- 3 year warranty on main unit



NONIN

Part No.	NPC	Description	Qty	Price
N10938-002	FBC3048	RespSense II Vital Signs Capnography Monitor with Sampling Starter Kit (as described above)	Single	£2195.00

Capnography Calibration Kits, Accessories & Software

Part No.	NPC	Description	Qty	Price
PROSTAND2	---	Rolling Stand with Basket and Multi-Fit Mounting Plate Requires Mounting Bracket and Clamp (below) to fit Sense units	Single	£245.00
MALS1013	---	Monitor Mounting Bracket For use with MALS1018 Adjustable Mounting Clamp	Single	£17.50
MALS1018	---	Adjustable Mounting Clamp For use with MALS1013 Monitor Mounting Bracket	Single	£95.00
N10189-001	---	Nonin Carry Case For use with LifeSense II and RespSense II	Single	£97.50
MALSTF110	---	Disposable Moisture Traps with Filters - Pack of 10	10	£49.00
MALSF-25	---	Disposable Filters for Nonin Sense ETCO₂ Monitors - Pack of 25	25	£32.00
		For full CO ₂ Sample Line options - see page 52 For compatible Nonin SpO ₂ Sensors - see page 23		
N110951-004	---	Power Supply with UK Plug for Nonin Sense II Monitors	Single	£105.00
MA4000	FBC956	Nasal CO ₂ Sample Line - Adult, 2.1m with Male Luer	25	£89.00
MA4100	FBC957	Nasal CO ₂ Sample Line - Paediatric, 2.1m with Male Luer	25	£89.00
CAPTESTKIT	---	Capnography Testing Kit 112 Litre cannister (5% CO ₂ , balance air), Fixed Flow Regulator Valve and Carry Case	Single	£370.00
CAPTESTCAN	---	Verification Gas (5% CO₂, Balance Air) - 112 Litre Canister	Single	£168.00
CAPTESTVLV	---	Fixed Flow Regulator - for use with Verification Gas Canister	Single	£119.00
CAPTESTCL1	---	Connection Line for Creative PC-900B Monitor	Single	£25.00
MCALKIT01	---	Calibration Kit - for Nonin Sense EtCO ₂ Monitors	Single	£125.00

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

Capnography

MEMO

Handheld EtCO2 Monitor

- Portable Mainstream Capnography device for continuous and real-time monitoring of End-Tidal Carbon Dioxide and Respiration Rate (Two versions available, kPa and mmHg)
- Uses low cost disposable Airway Adapters for Adult/Paediatric or Neonatal use that connect quickly and directly to ET Tubes, Face Masks or Laryngeal Airways
- Reliable with built in NDIR infrared mainstream technology which performs a functional self check each time the MEMO is powered on
- Rapid Measurement. Ready to measure within 5 seconds, End-tidal CO2 value shown after first breath. Respiratory value shown after second breath then updates every breath thereafter
- User adjustable audio and visual alarm for No Breath detected, no/check adapter, high and low EtCO2
- Compact and lightweight design fits in the palm of your hand
- Battery life 10 hours Lithium and 6 hours Alkaline AAA batteries
- Easy to use with clear bright interface for quick set-up and easy operation
- Calibration verification check recommended annually (available at PROACT or purchase calibration kit)
- Easy to clean – the MEMO device can be easily wiped down between uses
- Supplied with 2x AAA lithium batteries, bespoke carry case, 1x Adult / Paediatric Adapter and 1x Neonate Adapter
- 2 year warranty



Includes Free Bespoke Case

Alongside x1 of each adapter and Batteries



Part No.	NPC	Description	Qty	Price
CSM20A1C	---	MEMO EtCO2 Monitor (kPa) Includes x2 Airway Adapters and FREE Hard Carry Case	Single	£795.00
CSM20A2C	---	MEMO EtCO2 Monitor (mmHg) Includes x2 Airway Adapters and FREE Hard Carry Case	Single	£795.00
CSM01A	---	Airway Adapter for MEMO EtCO2 Monitor Adult / Paediatric	10	£69.95
CSM01B	---	Airway Adapter for MEMO EtCO2 Monitor Neonatal	10	£89.95
CSM16A	---	MEMO Hard Carry case	Single	£15.00

MEMO

Parameter Specifications

Ranges		Physical Characteristics	
CO2:	0-99 mmHg 0-9.9 kPa 0-10%	Dimensions	4.4 x 4.5 x 5.2cm
RR:	3-150 bpm	Weight	66g with batteries
Accuracy (Standard Conditions)		Other	
RR	±1 bpm	Display Parameter	EtCO2, RR, Capnograph
Batteries		CO2 Unit	mmHg, kPa, % (selectable)
Type	x2 AAA Alkaline or Lithium	Data output	Bluetooth (Optional)
Battery Life	6 hours (Alkaline) 10 hours (Lithium)		
Environmental			
Operating Temperature	0 - 40°C		
Operating Atmospheric Pressure	70 - 120 kPa		
Operating Humidity	10-95% RH, non-condensing		
Storage Temperature	-20 to 70°C		
Storage Atmospheric Pressure	50 - 120 kPa		



Capnogram

Continuous and real time capnogram of EtCO2 values

Easy to use

Simple interface for quick set up and easy operation

Battery

x2 standard AAA Lithium Batteries

Audible and Visual Alarms



Visit proactmedical.co.uk for more information on the MEMO unit

PRO-Breathe Oxygen Masks with CO₂ Sampling

NEW!

- Versatile CO₂ sampling with simultaneous O₂ delivery
- Soft PVC construction with smooth feathered edge for added patient comfort
- Adjustable nose clip and elasticated head strap ensure a good fit
- Transparent material ensures patient response can be easily monitored
- Soft, lightweight material for patient comfort during long term use
- Supplied with kink and crush resistant oxygen tubing (2.1m)



Part No.	NPC	Description	Qty	Price
PB-331010	FKK171	PRO-Breathe Oxygen Mask, CO ₂ Sampling - Adult	50	£46.00
PB-331013	FKK172	PRO-Breathe Oxygen Mask, CO ₂ Sampling - Paediatric	50	£46.00
PBSL08103-50	FBC1363	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Female - 3.0m	50	£65.00

PRO-Breathe Oxygen Nasal Cannula with CO₂ Sampling

- Over ear design for improved patient comfort during long term monitoring/oxygen delivery
- Sliding toggle adjusts under chin for best fit
- Soft, comfortable and flexible nasal prongs in a choice of styles
- Transparent material ensures patient response can be easily monitored
- Integrated crush/kink resistant O₂/CO₂ tubing for maximum patient safety (3.0m)



Part No.	NPC	Description	Qty	Price
PBNC11130	FKK169	PRO-Breathe Oxygen Nasal Cannula with CO ₂ Sampling - Adult / 3.0m	50	£99.00
PBNC11230	FKK170	PRO-Breathe Oxygen Nasal Cannula with CO ₂ Sampling - Paediatric / 3.0m	50	£99.00

PRO-Breathe Gas Sampling Lines Luer Lock Connectors

- Specially formulated PVC material ensures accurate sampling of both CO₂ and anaesthetic gases with no cross contamination
- High strength, kink/occlusion resistant design optimised for fast sampling response
- Available in multiple lengths and a choice of male and female luer connectors



WL99370010



Part No.	NPC	Description	Qty	Price
PBSL08001-50	---	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 1.0m	50	£35.00
PBSL08002-50	FBC1364	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 2.0m	50	£50.00
PBSL080025-50	---	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 2.5m	50	£52.50
PBSL08003-50	FBC1355	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 3.0m	50	£55.00
PBSL08005-50	---	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 5.0m	50	£70.00
PBSL08103-50	FBC1363	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Female - 3.0m	50	£65.00
WL99370010	FBC1353	Wellead Elbow Connector, 22M / 15F to 15M with Port	50	£40.00

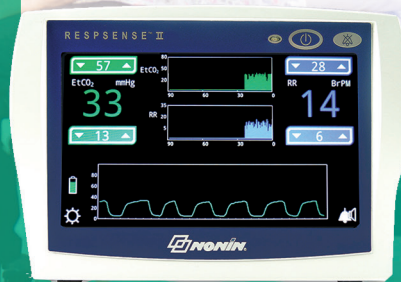


Creative PC-900B
Handheld Sidestream
Capnograph & SpO₂

Capnography Solutions

Simple, Flexible Affordable Capnography

Nonin RespSense II Widescreen Capnograph



Nonin LifeSense II Widescreen Capnograph
& Oximeter



Carbon Monoxide Monitoring

ToxCO® Breath Analyser Carbon Monoxide Monitor

- Carbon Monoxide Breath Analyser used to screen patients for CO Poisoning to help prevent unnecessary hospital admissions reducing EMS and hospital costs
- Also automatically monitors Ambient CO levels when switched on to protect the user. Colour coded traffic light ambient audio/visual alarms:
Green <100 ppm
Amber 100-199 ppm
Red >200 ppm
- Provides fast accurate results shown in %COHb which makes interpreting patient's results quick and easy
- Mouthpiece and face mask sampling modes allow the user to test a patient independent of their consciousness
- Colour touchscreen is quick and easy to use, with visual prompts for patients during each test to ensure correct results every time
- ToxCO® case has built in SteriTouch® anti-microbial additive technology for improved infection control
- Automatically log every breath test but also ambient readings when an alarm threshold is triggered for up to 500 readings
- D-pieces are used in conjunction with; the monitor to filter out 99.9% of airborne bacteria and single-use SteriBreath™ mouthpieces for excellent, low-cost infection control
- Automatic calibration and D-piece™ renewal reminders to prolong the life of your monitor, ensure accurate readings and increase infection control
- There is also the option to tag a result with a place, patients name or ID
- Easy to clean – the ToxCO® device can be easily wiped down between uses
- Supplied with Face Mask Sampling System, 1 x Adult Facemask, 2 x Paediatric Facemask (Medium and Small) 20 x D-Pieces, Pack of 50 Cleaning wipes, bespoke carry case, 3x AA Batteries
- 2 year warranty (subject to service & maintenance)



Part No.	NPC	Description	Qty	Price
TOXC0UK	---	ToxCo Carbon Monoxide Kit with Carry Case, Face Mask Sampling System, x1 Adult Facemask, x2 Paediatric Facemask (Medium and Small), x20 D-Pieces, Pack of Cleaning Wipes and Batteries	Single	£395.00
ONEBREATH	---	OneBreath Bacterial Filter Mouthpieces - Pack of 250	250	£375.00
TOXCAL012	---	ToxCo Calibration Kit 12L Cylinder (50ppm Carbon Monoxide, Balance Air), Fine Control Valve and Calibration Adapter	Single	£89.00
D-PIECE-3	---	D-Pieces with One Way Valve	12	£25.00
STERIBRTH	---	SteriBreath Mouthpieces - Pack of 250	250	£35.00
ISSA-V	---	Facemask Sampling System	Single	£14.00

Quick, easy and non-invasive screening for CO poisoning

ToxCO® is a carbon monoxide (CO) breath analyser to screen for CO Poisoning.

An ideal tool for emergency services and first responders, ToxCO® is a quick, easy, reliable and completely non-invasive way to screen for the concentration of CO in patients

Carbon Monoxide Monitoring

ToxCO® Breath Analyser Specifications

Concentration Range (CO) (Mouthpiece)	Operating humidity
0-54% Cohb / 0-600 ppm	15-90% RH (non-condensing)
Display	Storage/transport humidity
Full colour touchscreen	0-95%
Detection Principle	Sensor operating life
Electrochemical sensor	2 years
Repeatability	Sensor sensitivity
≤±5% difference on consecutive readings	1ppm
Breath and ambient test accuracy	Sensor drift
≤±3ppm/10% – whichever is greater*	<5% per annum
Power	Dimensions
3 x AA (LR6 or equivalent) - up to 1000 minutes; 1 x CR2032 Lithium coin cell	Approx. 37 x 77 x 140mm
T90 Response Time	Weight
<30 seconds	Approx. 215g (including batteries)
Operating Temperature	Materials
0-50°C	Case: polycarbonate/ABS blend with SteriTouch® anti-microbial additive; D-piece™: polypropylene; SteriBreath™: polypropylene, OneBreath™ : polypropylene
Storage/transport temperature	H2 cross sensitivity
0-50°C	≤6%
Operating/storage/transport pressure	
Atmospheric ±10%	

Why ToxCO®?

The ToxCO® is an easy to use, non-invasive breath and ambient air CO monitor, with three sampling modes, mouthpiece, face mask, and ambient monitoring to alert users of potentially fatal levels of CO in the air.

Why is it important

Clinical research has demonstrated that 'the concentration of carbon monoxide in end-expired air after breath holding correlates closely with carboxyhaemoglobin concentration'.

With the ToxCO®, the mouthpiece and face mask sampling modes allow the user to test a patient independent of their consciousness, whilst the ambient sampling mode will safeguard the user, alerting them if they are entering an area with high levels of CO.

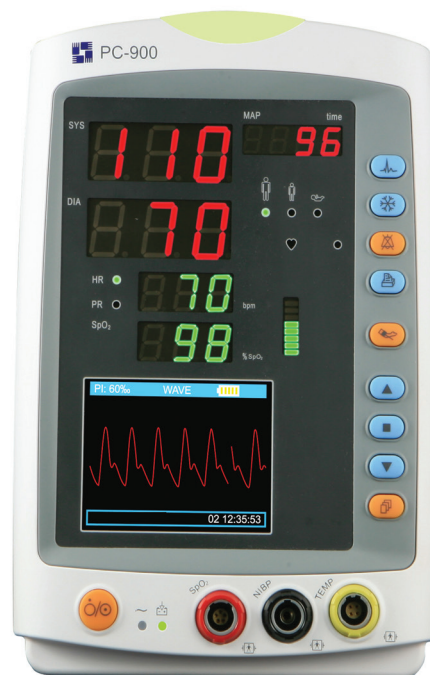
The ToxCO® helps to reduce unnecessary hospital admissions through instant mass screening, saving valuable time.

1. M J Jarvis D. Low cost carbon monoxide monitors in smoking assessment. [Internet]. PubMed Central (PMC). 2017 [cited 9 February 2017]. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC460516/>

Multi Parameter

Creative PC-900PRO Vital Signs Monitor

- Compact Vital Signs Monitor with NIBP, SpO2, Pulse Rate and optional Temperature Parameters
- Lightweight portable design suitable for use on Adults and Paediatrics
- Simple, intuitive user interface offers SPOT and CONTINUOUS Automatic Vital Signs Monitoring
- Designed for home, clinic and hospital bedside or with optional stand
- Large, clear colour coded LED display makes it suitable for day and night monitoring
- High resolution 3.5" (90mm) full colour LCD waveform, Alarm, Trend and Set Up menu display
- Fully adjustable and programmable audible / visual alarms for all parameters
- Defibrillator Protection from Interference
- Patient ID entry facility and programmable Nurse Call Function
- Ethernet network function for connecting to Central Monitoring Systems
- Data Storage for 12000 groups NIBP and 2000 Groups SpO2 Measurement Data
- Built in rechargeable Lithium battery with 6 hours continuous run time, UK and EU compatible power supply (Full charge time 12 hours from flat)
- Data export via USB cable using Creative Data Management Software (Downloadable free of charge)
- Optional built in thermal printer for physical history data and trend graphs
- Easy to clean – Monitor and sensor can be easily wiped down between uses
- Supplied with Adult Reusable NIBP Cuff, Adult Soft Silicone Finger SpO2 Sensor
- Monitor is covered by a 2 year RTB warranty



Part No.	NPC	Description	Qty	Price
CR-PC900P-31	FBC334	PC-900Pro Vital Signs Monitor (SpO2 (Creative), PR & NIBP) with Adult Soft Sensor and NIBP Cuff	Single	£595.00
CR-PC900P-41	---	PC-900Pro Vital Signs Monitor (SpO2 (Creative), PR, NIBP & Temp) with Adult Soft Sensor, NIBP Cuff, Temperature Interface Cable and Sensor Sample Pack	Single	£645.00
CR15044074	---	Creative SpO2 Sensor (Round Connector) Finger Clip, Adult, 2.5m	Single	£49.50
CR15040085	---	Creative SpO2 Sensor (Round Connector) Silicone, Adult, 2.5m	Single	£49.50
CR15040021	---	Creative SpO2 Sensor (Round Connector) Finger Clip, Paediatric, 2.5m	Single	£49.50
CR15040034	FBC987	Creative SpO2 Sensor (Round Connector) Silicone, Paediatric, 2.5m	Single	£49.50
CR15040075	---	Creative SpO2 Sensor (Round Connector) Y Type with Velcro Wrap, 0.9m	Single	£45.00
CR2909-0000004	---	Creative SpO2 Interface Cable To allow use of Sub-D SpO2 Sensors (Digital) with Creative PC-3000 / PC-900PRO Monitors, 1.0m	Single	£25.00
CR2500-0000288	---	Disposable Velcro Wrap for use with Creative Y Type Sensors, Auxiliary, 200mm	Single	£10.00
CR3101-0000042	---	Disposable Velcro Wrap for use with Creative Y Type Sensors, Toe, 205mm	Single	£10.00
CR2203-0000003	---	Printer Module for PC-900Pro Monitor (includes 10 rolls of paper) To be installed by PROACT Service Department	Single	£135.00
CR5101-5236310	---	Printer Paper for Creative Printers - 10 rolls	10	£20.00
CR2607-0000010	---	Wall Mount for PC-900Pro Monitor	Single	£85.00
CR2600-2500030	---	Pole Mount Clamp for PC-900Pro Monitor	Single	£68.00
PROSTAND2	---	Rolling PROStand with Mounting Plate for Creative PC-900Pro Monitor	Single	£245.00
CR2302-0000005	---	Li-ion Battery for Creative PC-900Pro Monitor	Single	£98.00

Creative PC-900PRO Parameter Specifications

NIBP	
Standards	Creative™ NIBP meets ANSI/AAMI SP10 standard.
Technique	Oscillometric
Cuff Pressure Range	0mmHg - 300mmHg
Pressure Precision	±3mmHg
Cuff Inflation Time	<10 Seconds (typical adult cuff)
Overpressure Protection	Adult 300mmHg Paediatric 240mmHg Neonate 150mmHg

BP Measuring Range	
Systolic pressure	Adult 40mmHg-275mmHg Paediatric 40mmHg-200mmHg Neonatal 40mmHg- 135mmHg
Diastolic Pressure	Adult 10mmHg -210mmHg Paediatric 10mmHg - 150mmHg Neonatal 10mmHg - 95mmHg
Mean Arterial Pressure	Adult 20mmHg-230mmHg Paediatric 20mmHg-165mmHg Neonatal 20mmHg - 110mmHg
BP Measuring Accuracy	Maximal mean difference ±5mmHg
Maximal Standard Deviation	8mmHg
Measurement Mode	Adjustable Inflation Pressure, Manual, Auto, STAT

SpO ₂	
Transducer / Technology	Dual-wave length LED Creative™ LFC™ Patented Technology
SpO ₂ Measuring Range	35% - 100% (Adult and Paediatrics)
Low Perfusion Capability	0.4% - 5%
SpO ₂ Measuring Accuracy	ARMS < or = 2% for SpO ₂ range from 70-100% ISO 80601-2-61:2011 (supercedes ISO 9919)
PR Measuring Range	30bpm - 240bpm
PR Measuring Accuracy	±2bpm or ±2% whichever is greater


Temperature	
Technology	YSI 400 compatible
Measuring Range	25.0°C-45.0°C
Measuring Accuracy	±0.2°C
Responding Time	<45s

Pulse Rate	
Measuring Range	30bpm - 240bpm
Measuring Accuracy	±2bpm or ±2%, whichever is greater

Printer (Optional)	
Type	Built in thermal printer
Recording Speed	25 mm/s

Other	
Type	100-240VAC, 50/60Hz
Built In Rechargeable Li-Ion Battery	11.1V 4400mAh
Display	3.5" color LCD and digital LEDs
Alarms	User adjustable Audible & Visual Alarm
Communication	Serial/Ethernet

Optional Accessories	
Trolley Roll Stand, Wall Mount and EMS/Transport Case. Creative also supply compatible Central Monitoring options	

	NIBP Cycle Time Set
	Power Saving Mode
	Alarm Mute
	Print
	NIBP Start
	Scroll Up
	Select
	Scroll Down
	Change Screen



Multi Parameter

Creative PC-3000 Multi Parameter Monitor

- Compact configurable Multi Parameter Monitor with NIBP, SpO2, Temperature and optional ECG/RR parameters with 180mm colour TFT display
- Lightweight portable design suitable for use on Adults and Paediatrics
- Designed for home, clinic and hospital bedside, stand or EMS / Transport
- Very simple to use with clear ergonomic user interface with a choice of displays including waveform or large numerics, with customisable colours for all parameters
- Fully adjustable and programmable audible/visual alarms for all parameters
- Anytime option to field upgrade Vital Signs Monitor to Patient Monitor by adding ECG / RR at low cost
- Easy to clean – Monitor and sensor can be easily wiped down between uses
- Monitor is covered by a 2 year warranty



CREATIVE MEDICAL

Part No.	NPC	Description	Qty	Price
CR-PC3000-40	---	PC-3000 Vital Signs Monitor (SpO2 Analogue, PR, NIBP, Temp) with Adult Soft Sensor and NIBP Cuff, Temperature Interface Cable and Sensor Sample Pack, Bedrail Hook and UK Power Supply	Single	£850.00
CR-PC3000-00	---	PC-3000 Patient Monitor (SpO2 Analogue, PR, Resp Rate, NIBP, ECG, Temp) with Adult Soft Sensor and NIBP Cuff, 3 Lead ECG Cable, Temperature Interface Cable, Sensor Sample Pack, Bedrail Hook and UK Power Supply	Single	£995.00
CR15040077	---	Creative SpO2 Sensor Finger Clip, Sub-D Analogue, Adult, 0.9m	Single	£49.50
CR15040099	---	Creative SpO2 Sensor Silicone, Sub-D Analogue, Adult, 0.9m	Single	£49.50
CR15040097	---	Creative SpO2 Sensor Finger Clip, Sub-D Analogue, Paediatric, 0.9m	Single	£49.50
CR15040098	---	Creative SpO2 Sensor Silicone, Sub-D Analogue, Paediatric, 0.9m	Single	£49.50
CR15040078	---	Creative SpO2 Sensor Y Type with Velcro Wrap, Sub-D Analogue, 0.9m	Single	£49.50
CR2909-0000035	---	Creative SpO2 Interface Cable Sub-D to 8 Pin Round Analogue for PC-3000 Monitors, 1.5m	Single	£25.00
CR2500-0000288	---	Disposable Velcro Wrap for use with Creative Y Type Sensors, Auxiliary, 200mm	Single	£10.00
CR3101-0000042	---	Disposable Velcro Wrap for use with Creative Y Type Sensors, Toe, 205mm	Single	£10.00
CR3101-0000019	---	Standard Carry Case for PC-3000 Monitor	Single	£45.00
PROBAG-OPB	---	Heavy Duty (Cordura) Paramedic Carry Case for PC-3000 Monitor	Single	£149.00
PROSTAND2	---	Rolling Stand with Basket and Multi-Fit Mounting Plate to fit Creative & Nonin Table-top Monitors	Single	£245.00
CR15010011	---	ECG Leadwire for Creative PC-3000 Monitors 3 Lead, 3.7m (Defib Proof)	Single	£24.50
CR15010012	---	ECG Leadwire for Creative PC-3000 Monitors 5 Lead, 3.7m (Defib Proof)	Single	£29.50
CR2909-000015	---	Temperature Interface Cable - for PC-3000 & PC-900PRO Monitors Allows for Disposable Temp Probes	Single	£24.50
CR15084422	---	Skin Temperature Cable and Probe (Reusable) - for PC-3000 & PC-900PRO Monitors	Single	£49.50
CR2302-1482200	---	Li-ion Battery for Creative PC-3000 Monitor	Single	£68.50
CR2301-0000011	---	Power Supply for Creative PC-3000 Monitor	Single	£35.00
CR2903-0100001	---	Mains Cable with UK Plug for Creative PC-3000 Monitor	Single	£12.95
CR-12VDC3	---	12VDC Vehicle Power Cable for Creative PC-3000 Monitor	Single	£24.95

Creative PC-3000

Parameter Specifications

NIBP		ECG (Optional)	
Standards	Creative™ NIBP meets ANSI/AAMI SP10 standard.	Input Dynamic Range	±0.4mVp - ±5mVp
Technique	Oscillometric	HR Measuring Range	15bpm - 350bpm
Cuff Pressure Range	0mmHg - 300mmHg	HR Measuring Accuracy	±1% or ±2bpm, whichever is greater
Pressure Precision	±3mmHg	HR Alarm Delay Time	<10s
Cuff Inflation Time	<10 Seconds (typical adult cuff)	Sensitivity Selection	x1/2 x1, x2m tolerance <10%
Overpressure Protection	Adult 300mmHg	Sweeping Speed	12.5mm/s, 25mm/s, 50mm/s, tolerance ≤10%
	Paediatric 300mmHg	ECG Noise Level	<30μVp-p
	Neonate 140mmHg	ECG Input Loop Current	<0.1μA
Measuring Range		Differential Input Impedance	>10MΩ
Systolic pressure	Adult 40mmHg-255mmHg Paediatric 40mmHg-200mmHg	Common Mode Rejection Ratio	>105dB
Diastolic Pressure	Adult 10mmHg - 195mmHg Paediatric 20mmHg - 165mmHg	Respiration Rate	
Mean Arterial Pressure	Adult 20mmHg-215mmHg Paediatric 20mmHg-165mmHg	RR Measuring Range	0rpm - 120rpm (Respiration per minute)
BP Measuring Accuracy	Maximal mean difference ±5mmHg	RR Measuring Accuracy	±5% or ±2rpm (whichever is greater)
Maximal Standard Deviation	8mmHg	Printer (Optional)	
Measurement Mode	Adjustable Inflation Pressure, Manual, Auto, STAT	Type	Built in thermal printer
SpO ₂		Recording Speed	25 mm/s
Transducer / Technology	Dual-wave length LED Creative™ LFC™ Patented Technology	Other	
SpO ₂ Measuring Range	35% - 100% (Adult and Paediatrics)	Type	100-240VAC, 50/60Hz
Low Perfusion Capability	0.4% - 5%	Built In Rechargeable Li-Ion Battery	14.8V 2200mAh
SpO ₂ Measuring Accuracy	ARMS < or = 2% for SpO ₂ range from 70-100% ISO 80601-2-61:2011 (supercedes ISO 9919)	Display	7" TFT colour LCD with 800 x 480 px
PR Measuring Range	30bpm - 240bpm	Alarms	User adjustable Audible & Visual Alarm
PR Measuring Accuracy	±2bpm or ±2% whichever is greater	Communication	Serial/Ethernet
Temperature		Optional Accessories	
Technology	YSI 400 compatible	Trolley Roll Stand, Wall Mount and EMS/Transport Case. Creative also supply compatible Central Monitoring options	
Measuring Range	25.0°C - 45.0°C		
Measuring Accuracy	±0.2°C		
Responding Time	<45s		
Pulse Rate			
Measuring Range	30bpm - 240bpm	Heavy Duty Paramedic Bag PROBAG-OPB	
Measuring Accuracy	±2bpm or ±2%, whichever is greater	Standard Carry Case CR3101-0000019	

Mobile Health & Wireless

Remote Monitoring & Connectivity

Our wireless products are easily integrated in to your own applications. Whether you are looking to monitor patients at home, in a surgery or indeed monitoring health and wellness of employees out at sea, our new popular range offers the flexibility for connectivity to PC, Smart Phones and Tablets.

Widely used in sleep studies and 6 minute walk tests, our devices are now used in order to predict healthcare outcomes more accurately. Aiding the reduction of admissions and indeed the subsequent length of any stay in hospital.

Communication protocols are available on request

Creative PC-60FW Bluetooth Finger Pulse Oximeter



NEW!

- Lightweight Bluetooth Finger Oximeter for Spot Checking / Attended monitoring of SpO2 and Pulse Rate on Adult and Paediatric patients
- Bluetooth v4.0 function allowing for real time viewing and storage of live data through the Creative @Health app, compatible with both Apple and Android phones/tablets
- OLED Rotating 4 direction display screen showing SpO2, PR, PI, Pulse Bar and Waveform
- Stores up to 12 groups of SpO2 data
- Pre-set audio and visual alert functions for SpO2 and Pulse Rate (SpO2 low limit: 90%, Pulse Rate: High limit: 120bpm and Low limit: 50bpm)
- Automatic power on/off when finger is inserted/removed
- Pulse Rate analysis for spot check measurement
- SDK & communication protocols available for Telemedicine integration purposes
- Easy to clean – Oximeter can be easily wiped down between uses
- Supplied with Carry Case, Lanyard and 2xAAA batteries
- 2 year warranty



Part No.	NPC	Description	Qty	Price
CR-PC60FW	---	Creative PC-60FW Bluetooth v4.0 Finger Oximeter with Carry Case with Adult Soft SpO2 Sensor and Sampling Starter Kit	Single	£69.50
CR-3101-5000032	---	Replacement Creative Carry Case for Finger Oximeters Blue	Single	£3.50

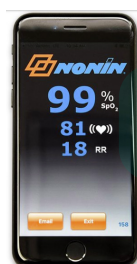
Creative PC-60FW Specifications

SpO2		Power Supply	
Transducer	Dual wavelength LED Sensor	x2 AAA Alkaline Battery	
Measuring Range	35% - 100%	Supply Voltage	3.0V DC
Measuring Accuracy	≤ 3% range from 70% to 100%	Operating Current	≤40mA
Pulse Rate		Dimensions	
Measuring Range	30bpm - 240bpm	56mm (L) x 34mm (W) x 30mm (H)	
Measuring Accuracy	≤2bpm or ±2% whichever is greater	Net Weight	52g
Perfusion Index (PI)		Measuring Mode	
Display Range	0% - 20%	30 seconds spot check and continuous mode	
Default Alarm Limit		Pulse Rate Analysis (Spot Check Mode)	
SpO2 low limit	90%	12 types preset analysis	
Pulse Rate	High Limit: 120bpm Low Limit: 50bpm	Data Storage	
		Up to 12 groups	

Nonin 3150BLE WristOx2 Pulse Oximeter Bluetooth Wrist Pulse Oximeter

- Professional, easy to use, convenient and lightweight Wrist Oximeter with Bluetooth® Low Energy designed for Sleep Study / Overnight Screening / Six Minute Walk Tests on Adult to Infant Patients
- Features Nonin PureSAT® technology delivering quick and accurate readings on patients who are well or poorly perfused
- Suitable for use in hospitals, medical facilities, acute care to homecare environments using Nonin 3150BLE compatible sensors (see page 23)
- Memory download via USB makes the WristOx a convenient solution in numerous settings using either the nVision Data Management or Stowood Software
- Programmable start/stop times, mode and sample rate features plus full reporting and statistical diagnostics, available when used with nVision or Stowood software
- Low Energy Bluetooth real time output to free of charge Nonin ConnectApp for Apple iPhone
- Easy view LCD display offers a clear display
- Battery operating life of 48 hours (24 hours with Bluetooth)
- 1080 hour memory at a 4 second sampling rate
- ISO 80601-20-61 Compliant - All Nonin Oximeters are fully type tested to comply with the International standard for Pulse Oximeters
- Easy to clean – Oximeter and Sensor can be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor, Wrist Strap and extender, 2x AA batteries
- Disposable Wrist Straps available as an option (see page 17)
- 3 year warranty on main unit

Works with nVision PC
Download Software
See Page 21



Download Realtime NoninConnect
App from iOS App Store,

Phone not supplied

Part No.	NPC	Description	Qty	Price
3150BLE	FBC331	3150BLE WristOx2 Pulse Oximeter Includes Adult Soft Sensor, x3 Wrist Straps and x2 AAA batteries.	Single	£565.00
3150KIT	---	3150BLE WristOx2 Pulse Oximeter Includes Adult Soft Sensor, x3 Wrist Straps and x2 AAA batteries. Kit also includes nVision software and data download cable	Single	£825.00



3150 WristOx2 BLE Bluetooth Low Energy

NEW! Works with NoninConnect Realtime Bluetooth Display - Ideal for 6MWT

Engineered with Nonin Medical's proven PureSAT® SpO2 technology, the WristOx2 3150 delivers highly accurate readings in the widest range of patient populations and settings.

The WristOx2 is ideal for applications including ambulatory monitoring, remote wireless monitoring and overnight studies - providing the versatility and reliability that clinicians expect from Nonin.



Mobile Health & Wireless

Nonin 3240 Connect Elite Bluetooth Finger Pulse Oximeter

- NoninConnect Elite Finger Oximeter with Bluetooth Smart Wireless Technology
- Nonin's PureSAT® technology provides quick and accurate SpO2 and Pulse Rate readings on small to large fingers, good to poor perfusion and dark to light skin tones
- Enables clinicians to remotely (up to 10m) view their patients SpO2 in real time via the NoninConnect iPhone App
- Enables patients or clinicians to save their SpO2 history via email using a compatible Apple Smart phone or tablet
- Real time display to Apple iPhone (requires iOS 8.1 or later and compatible with all 3rd generation iPhone/iPad)
- The Nonin Connect app allows the patient to share spot check readings with Apple's Health app
- Can aid in proactively identifying issues and early intervention to avoid the possibility of early re-hospitalisation
- SDK & communication protocols available for integration purposes
- Long battery life with up to 2,200 spot checks on x2 AAA batteries
- Withstand vibration, shock, bumps and drops that it will encounter in normal use
- Export to .csv spreadsheet file from app on phone
- Easy to clean – Oximeter can be easily wiped down between uses
- Supplied with carry case, lanyard and 2xAAA batteries
- 2 year warranty



Part No.	NPC	Description	Qty	Price
3240	FBC3761	3240 Nonin Connect Bluetooth Wireless Finger Oximeter (Bluetooth v4.0 Data Transfer) Includes free cushioned Carry Case, Lanyard, 2x AAA batteries and User Manual	Single	£219.00

Nonin 3240 Connect Elite Specifications

Dimensions	Measurement Wavelengths and Output Power
45mm x 68mm x 31mm	Red 660 nanometers @ 0.8mW maximum average
Weight	Measuring Accuracy 910 nanometers @ 1.2mW maximum average
63g with batteries	Temperature
Oxygen Saturation Display Range	Operating -5°C to 40°C
0-100% SpO2	Storage / Transportation -40°C to 70°C
Pulse Rate Display Range	Humidity
18-321bpm	Operating 10-95% relative humidity, non-condensing
Oxygen Saturation Declared Accuracy Range (ARMS)	Storage / Transportation 10-95% relative humidity, non-condensing (allow to stabilise)
70 - 100% SpO2 ±2 digits	Altitude
Low Perfusion Oxygen Saturation Declared Accuracy Range (ARMS)	Operating Up to 12,192 metres
70 - 100 SpO2 ±2 digits	Hyperbaric Pressure
Pulse Rate Declared Accuracy (ARMS)	Up to 4 atmospheres
20 - 250bpm ±3 digits	Internal Power
Low Perfusion Pulse Rate Declared Accuracy (ARMS)	Battery x2 1.5V AAA Batteries
40 - 240bpm ±3 digits	Operating 2200 spot checks, within 10ft from collector while in a connection

Creative AP-20 with Respiration Rate and Airflow Bluetooth Sleep Screener & Wrist Pulse Oximeter

- Wrist Oximeter with Sleep Screener measuring SpO2, PR, Respiration Rate, Air Flow and Snoring in Adult and Paediatric Patients
- Designed for Hospitals, Clinics or home environment
- Accurate and reliable monitoring against low perfusion and weak pulse signal
- Data can be exported to PC using the USB Cable (Software Download required)
- **Bluetooth v4.0 function allowing for real time viewing and storage of live data through the Creative @Health app, compatible with Android phones/tablets and Windows PC**
- Power saving mode with display off.
- Adjustable Audio and Visual SpO2 and PR alert limits
- Data storage of up to 72 hours
- SDK & communication protocols available for integration purposes
- Bluetooth v4.0 Data Transfer available
- Built in rechargeable battery offers up to 18 hours of use (when display is off)
- Easy to clean – Oximeter and sensor can be easily wiped down between uses
- Supplied with Adult Soft Sensor, Air Flow Module and Oral/Nasal Cannula and charging adapter
- 2 year warranty on main unit



NEW!

CREATIVE MEDICAL

Part No.	NPC	Description	Qty	Price
CR-AP20	---	Creative AP-20 Wrist Sleep Screener / Oximeter (USB Bluetooth v4.0 Data Transfer) Includes Adult Soft Sensor, Air Flow Sensor and Nasal Cannula	Single	£285.00
CR-AP10	---	Creative AP-10 Wrist Oximeter (USB Bluetooth v4.0 Data Transfer) Includes Adult Soft Sensor and USB Charging Cable	Single	£195.00

Creative PC-80B ECG Monitor Easy ECG Monitor

- Bluetooth v2.0/4.0 enabled dual mode wireless ECG Monitor
- Data transfer via USB or Bluetooth
- Various measurement locations; palm, leg, chest
- Easy to read, bright LED screen shows the real time ECG waveform
- Records 1200 ECG records or 10 hours continuous data measurement
- Auto power off
- iOS/Android app available from App stores search for "Shenzhen Creative"
- Free Windows PC data management software available for Bluetooth and USB download
- Single lead as standard with 3 lead ECG cable option available
- Easy to clean – ECG monitor can be wiped down between uses
- Supplied with free of charge carry bag, x2 AAA batteries, USB cable and software
- 1 year warranty on main unit



CREATIVE MEDICAL

Part No.	NPC	Description	Qty	Price
CR-PC80B	---	Creative PC-80B Easy ECG Monitor (Bluetooth v4.0 Data Transfer) Includes Carry Case x2 AAA Batteries and USB Cable	Single	£175.00
CR15010008	---	ECG Cable for use with Creative PC-80B ECG Reader - 3 Lead	Single	£34.50

Creative PC-100 Series

Blood Pressure and SpO2 Spot Check Monitor

- Creative PC-100 Blood Pressure and SpO2 Spot Check Monitor for Adult Patients
- Bluetooth v2.0/v4.0 enabled Multi Parameter Spot Checker
- Measures NIBP, Pulse Rate and SpO2 with external sensor
- Wearable, convenient design
- Integrated USB rechargeable Li-Ion battery
- SDK & communication protocols available for integration purposes
- Data upload by USB to PC for analysis and print out
- Easy to use with your Android or Apple device - Software available from the App store
- Easy to Clean – Oximeter and Sensor can be easily wiped down between uses
- Supplied with Reusable Adult Soft Sensor and Charging Cables
- 1 year warranty on main unit



CREATIVE MEDICAL

Part No.	NPC	Description	Qty	Price
CR-PC102	---	PC-102 SpO2 & NIBP Monitor (USB / Bluetooth v2.0 / 4.0 Data Transfer) with Adult Sensor, USB download and charging cables	Single	£195.00

Creative Data Manager PC Software

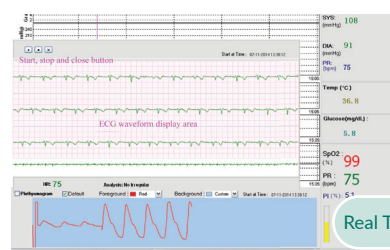
Creative's Spot Check Data Manager Software allows data to be transferred from their PC-100 and PC-300 monitors to your PC via the USB cable supplied, in order for it to be viewed in real-time on trend screens, or displayed in a choice of four reports.

- Comprehensive Report
- Summary Report
- % Times Text Report
- Desaturation Report

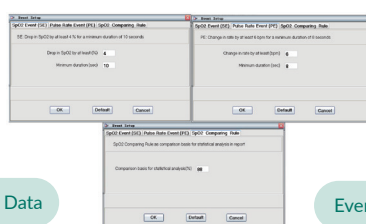
Events (e.g desaturation or changes in pulse rate) can be defined by the user and will flag in the graphic trend screen.

Once downloaded, data can also be exported into an Excel compatible .csv file where results can be listed every 1/4/8 seconds, ideal for monitoring sleep apnoea.

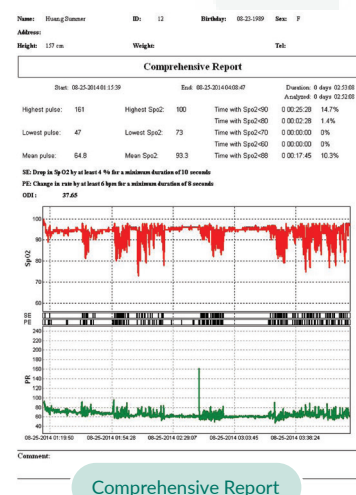
Compatible with Windows 10, 8, 7, Vista, XP and 2000 and can be downloaded free of charge.



Real Time Data



Event Set Up



Comprehensive Report

Creative PC-300 Series

Multi Parameter Spot Check Monitors

- Creative PC-300 Blood Pressure and SpO2 Spot Check Monitor for Adult and Paediatric Patients
- Bluetooth v2.0/v4.0 enabled wireless Spot Check Monitor
- Integrated Lithium battery
- Stores up to 6000 NIBP readings
- Includes free Windows PC data management software for Bluetooth and USB download, analysis and printout
- SDK & communication protocols available for integration purposes
- Easy to clean – Monitor and sensor can be easily wiped down between uses
- Supplied with Adult NIBP Cuff, Adult Soft Sensor (if applicable) and charging cable
- 1 year warranty

Blood Pressure Technology

The PC-301 is supplied with an Adult BP Cuff as standard

SpO2 Recording

The PC-302 Kit incorporates an Adult SpO2 Sensor



Part No.	NPC	Description	Qty	Price
CR-PC301	---	PC-301 NIBP Monitor (USB/Bluetooth v2.0/v4.0 Data Transfer) Includes Adult BP Cuff, USB Download and Charging Cable	Single	£375.00
CR-PC302	---	PC-302 SpO2 & NIBP Monitor (USB/Bluetooth v2.0/v4.0 Data Transfer) Includes Adult Sensor, Adult BP Cuff, USB Download and Charging Cable	Single	£395.00
CR15040076	---	Creative SpO2 Sensor for PC-100 / PC-300 Monitors - Finger Clip - Adult - 1.5m Cable	Single	£59.95
CR15040063	---	Creative SpO2 Sensor for PC-100 / PC-300 Monitors - Finger Clip - Paediatric - 1.5m Cable	Single	£69.95
CR15020052	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Child - 17-22cm	Single	£20.00
CR15020024	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Small Adult - 21-30cm	Single	£20.00
CR15020034	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Adult - 27.42cm	Single	£20.00
CR15020036	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Large Adult - 40-48cm	Single	£20.00
CR15020021	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Small Infant - 17.22cm (Male Bayonet Connector)*	Single	£15.00
CR15020022	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Infant - 17.22cm (Male Bayonet Connector)*	Single	£15.00
CR15020026	---	NIBP Cuff, Reusable for PC-300 Monitors - Single Tube - Small Child - 17.22cm (Male Bayonet Connector)*	Single	£15.00
CR15020014	---	NIBP Airhose for use with PC-300 Compatible Small Cuffs	Single	£15.00

* Requires Airhose

Tel: 01536 461981

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orders@proactmedical.co.uk

Blood Pressure

A&D TM-2657 GP Surgery NIBP Monitor & Printer

- Automatic Blood Pressure Monitor ideal for GP Clinics, Outpatients and Waiting Rooms with Irregular HeartBeat Indicator (IHB)
- For use on Adults and Children aged 13+
- Allows patients to "self-screen" and take their own Blood Pressure Readings using Oscillometric measurement method
- Accuracy Pressure: ± 3 mmHg Pulse: $\pm 5\%$
- BHS, A/A Clinically Validated
- Easy to use - auto on, one button provides fast and accurate measurements. Patients will also receive a fast print out of the results
- 3-digit LED display showing systolic, diastolic and pulse rate readings along with the date and time measurement was taken
- Torque controlled cuff fastening method with high accuracy and durability makes the monitor suitable for arm circumferences from 18-35cm
- Antibacterial arm cuff cover (included as standard) to reduce risk of cross infection
- Various print formats available upon user request with IHB indicated on printout
- Reliable thermal printer with open head design for easy paper replacement
- Small footprint (24cm wide) and barrier-free design. Mains powered using the AC Adapter supply unit
- Optional extension communication board (RS-232C and/or Bluetooth) for connectivity - call for details
- Easy to clean - BP Monitor can be easily wiped down when required
- Supplied with Stand, Antibacterial Arm Cuff Cover and AC Adapter Supply unit
- 2 year warranty on main unit



A&D
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Part No.	NPC	Description	Qty	Price
TM-2657P	FFE947	TM-2657P GP Surgery NIBP Fully Automatic Blood Pressure Monitor and Printer Includes AC Power Supply Unit and Stand	Single	£1795.00
AX-PP147-S	FFE1011	Printer Paper for A&D TM-2657 Series NIBP Monitors Pack of 5	5	£25.00



Small Footprint

Slim design allows the user to put it against the wall or on a desk/counter top without taking up too much space.

One Button

START/STOP button located in the middle of the unit allows simple measurement with other hand.

Antibacterial Arm Cover

Newly developed antibacterial arm cuff cover has been introduced in response to advice from medical experts.

Easy to use

Dual design allows the users to measure with any arm.

Barrier Free

Convenient for pregnant women, patients with back problems or in wheelchairs.



A&D UA-767S(W) Automatic Blood Pressure Monitor

- Updated version of the Market Leading UA-767Plus with option of Standard Adult (22-32cm) or Adult Wide Range cuff (22-42cm)
- With 2nd generation IHB/AFib technology which now measures the frequency of IHB/AFib. This is displayed using icons and enables the Clinician/User to see how many times IHB/AFib has been detected
- Simple one-touch measurement allows the user to take quick measurements
- WHO Blood Pressure Classification Indicator, Cuff Fit Error and Movement Error Indicator
- Large 3-line display shows the systolic, diastolic and pulse readings simultaneously
- EHS A/A Clinically Validated
- Larger memory for 60 readings and average reading including time and date
- Requires 4x AA Batteries
- Easy to clean – BP Monitor and cuff can be easily wiped down between uses
- Both options are supplied with A&D's Slim Fit Cuffs which are latex and metal free, 4x AA Batteries and carry bag
- 5 year warranty on main unit



Part No.	NPC	Description	Qty	Price
UA-767S	FFE943	UA-767S Automatic Blood Pressure Monitor with Adult Cuff (22-32cm), x4 AA Batteries & Carry Case	Single	£35.00
UA-767SW	FFE1009	UA-767SW Automatic Blood Pressure Monitor with Wide Range Cuff (22-42cm), x4 AA Batteries & Carry Case	Single	£39.00

A&D UA-704 Semi Automatic Palm Top Blood Pressure Monitor

- Innovative Mini Palm Type Manual Inflate Blood Pressure Monitor with Irregular Heart beat Indicator (IHB)
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- Features Manual inflatable bulb with Constant air release
- BHS A/A Clinically Validated
- Clear display shows systolic and diastolic pressure
- Uses a single AA Battery. Designed to conserve energy to allow for up 2000 measurements
- Easy to clean – BP Monitor can be wiped down between uses
- Supplied with Adult SlimFit Comfortable Cuff (22-32cm) and 1x AA Battery
- 5 year warranty on main unit



Part No.	NPC	Description	Qty	Price
UA-704	FFE1690	UA-704 Semi Automatic Palm Top Blood Pressure Monitor with Adult Cuff (22-32cm), x1 AA Batteries & Carry Case	Single	£27.00

Blood Pressure

A&D UA-1020 Premier Blood Pressure Monitor

- Premier Blood Pressure Monitor featuring advanced inflation technology for quicker measurement. With the option of Standard Adult (22-32cm) or Adult Wide Range Cuff (22-42cm)
- Features two unique modes. MyPressure mode provides individualised pressurisation and shorten measurement time. TriCheck™ mode automatically takes three consecutive readings with one- minute intervals for most accurate results
- With 2nd generation IHB/AFib technology screening feature
- Simple one-touch measurement allows the user to take quick measurements
- WHO blood pressure indicator, Cuff Fit Error and Movement Error Indicator
- Large displays shows the systolic, diastolic and pulse readings. Along with clock display
- BHS A/A Clinically Validated
- Storage for 90 memories with AM/PM and overall average for NICE compliance
- Easy to clean – BP Monitor and Cuff can be easily wiped down between uses
- Both options are supplied with A&D's Slim Fit Cuffs, 4x AA Batteries and Carry bag
- 5 Year warranty on main unit



A&D
A&D MEDICAL

Part No.	NPC	Description	Qty	Price
UA-1020	---	UA-1020 Premier Blood Pressure Monitor Includes Adult Cuff (22-32cm) and Batteries	Single	£55.00
UA-1020-W	---	UA-1020-W Premier Blood Pressure Monitor Includes Wide Range Cuff (22-42cm) and Batteries	Single	£59.00

A&D UM-211 Professional All-In-One Blood Pressure Monitor

- Mercury Free Dual Mode professional Blood Pressure Monitor with Irregular Heart Beat Indicator (IHB) designed for multipurpose use in hospitals
- Features A&D's Dual Measurement mode option: Oscillometric or Auscultatory mode, for use with a stethoscope
- Simple and Lightweight with one button operation, handy cuff holder and grip for carrying
- Large angled LCD display with backlight shows systolic and diastolic pressure (0-299mmHg) and pulse rate (40-180bpm). Also has room temperature display
- ESH A/A Clinically Validated
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- Mains rechargeable long life battery (providing 300 measurements when fully charged)
- Durable and chemical resistant body – for easy cleaning to Hospital infection control standards
- Built in memory stores the last 99 measurements
- Supplied with Adult Cuff (22-32cm), but five sizes are available, covering arm circumferences from 6-50cm and Mains Power Cable
- 2 year warranty on main unit



A&D
A&D MEDICAL

Part No.	NPC	Description	Qty	Price
UM-211	FFE945	UM-211 Professional Dual Measurement Blood Pressure Monitor Includes Adult Cuff (22-32cm), Rechargeable Battery Pack, AC Adapter & Power Cable	Single	£215.00

A&D UM-102B Mercury Free Column Sphygmomanometer

- Mercury-free Hybrid Traditional Style Sphygmomanometer with Auscultatory blood pressure measurement for use on Adult patients only
- Upright design makes it suitable for desktop use or can be stand mounted
- Digital anti-glare LCD display for pulse rate (40-180bpm) and pressure (0-300mmHg)
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- EHS A/A Clinically Validated
- Durable ABS housing with cuff holder and grip for carrying
- Adjustable display column for easier analysis of results
- Approx. 2000 readings from x2 AA Batteries
- Easy to clean - BP Monitor and cuff can be easily wiped down between uses
- Supplied with adult cuff (22-32cm circumference) but five cuff sizes are available covering arm circumferences from 12-50cm
- 2 year warranty on main unit



Part No.	NPC	Description	Qty	Price
UM-102B	FFE1000	UM-102B Mercury Free Sphygmomanometer Includes Adult Cuff (22-32cm)	Single	£105.00
UM-101ST	---	Rolling Stand for A&D UM-101 / 102 Sphys - with Adjustable Stem and Top Plate	Single	£85.00

A&D Replacement Cuffs For UA Series Personal BP Monitors

- Contact us if you require any assistance when selecting the appropriate cuffs



Part No.	NPC	Description	Qty	Price
UA-CUFBOXAU	FFE813	Standard Cuff for A&D Blood Pressure Monitors - 22-32cm	Single	£11.50
UA-CUFBOXCH	FFE816	Small Cuff for A&D Blood Pressure Monitors - 16-24cm Only for use with UA-787 and UA-853	Single	£11.50
UA-CUFBOXLA	FFE814	Large Adult Cuff for A&D Blood Pressure Monitors - 31-45cm	Single	£15.50
UA-CUFBOXWR	FFE944	Wide Range Cuff for A&D UA-767SW Blood Pressure Monitor - 22-42cm	Single	£15.50

For UM Series Professional Monitors

Part No.	NPC	Description	Qty	Price
UM-CUFKS-SS	FFE1014	A&D Professional Cuff for UM-211, Single Tube, No Connector, Extra Small- 12-17cm	Single	£19.00
UM-CUFKS-SA	FFE1015	A&D Professional Cuff for UM-211 & 201, Single Tube, No Connector, Small Adult - 16-24cm	Single	£19.00
UM-CUFKS-A	FFE1016	A&D Professional Cuff for UM-211 & 201, Single Tube, No Connector, Adult - 22-32cm	Single	£19.00
UM-CUFKS-LA	FFE1017	A&D Professional Cuff for UM-211 & 201, Single Tube, No Connector, Large Adult - 31-45cm	Single	£25.00
UM-CUFKS-LL	FFE1018	A&D Professional Cuff for UM-211, Single Tube, No Connector, XL Adult - 41-50cm	Single	£37.50
UM-CUFKW-SS	FFE1023	A&D Professional Cuff for UM-102, Double Tube, No Connector, Extra Small - 12-17cm	Single	£19.00
UM-CUFKW-SA	FFE1024	A&D Professional Cuff for UM-102, Double Tube, No Connector, Small Adult - 16-24cm	Single	£19.00
UM-CUFKW-A	FFE1025	A&D Professional Cuff for UM-102, Double Tube, No Connector, Adult - 22-32cm	Single	£19.00
UM-CUFKW-LA	FFE1026	A&D Professional Cuff for UM-102, Double Tube, No Connector, Large Adult - 31-45cm	Single	£25.00
UM-CUFKW-LL	FFE1027	A&D Professional Cuff for UM-102, Double Tube, No Connector, XL Adult - 41-50cm	Single	£37.50

Blood Pressure

Jumper JPD-HA100 Blood Pressure Monitor

- Automatic Digital BP Monitor with WHO Classification Indicator and Irregular heartbeat Indicator
- Upper Arm monitor designed for home, clinic and hospital use with Adult Patients
- Large easy-to-read LCD screen displays Systolic and Diastolic readings
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- Stores the last 198 readings (2x 99 readings for two users)
- Expandable cuff fits standard and large arms (22 to 32cm)
- Meets ANSI/AAMI SP10 Standard via Oscillometric method
- kPa/mmHg Unit exchange
- Auto power off after 30 seconds
- Date Month/Year and time function which are also displayed on the screen
- Easy to clean - BP monitor can be easily wiped down between uses
- Supplied with 4x AAA Batteries and carry case
- 1 year warranty



NEW!

Part No.	NPC	Description	Qty	Price
JPD-HA100	---	Jumper JPD-HA100 Blood Pressure Monitor Includes Adult Cuff (22-32cm), Carry Case and x4 AA Batteries	Single	£29.95

Jumper JPD-HA200 Blood Pressure Monitor

- Automatic portable Digital BP Monitor with Irregular Heartbeat Indicator
- Upper Arm monitor designed for personal portable use with Adult/Large Patients
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- Clear and easy to read LCD Screen displays Systolic and Diastolic readings
- One touch operation making it quick and easy to carry out a measurement
- Date Month/Year and time function which are also displayed on the screen
- Stores 198 readings (2x 99 readings for two users)
- Meets ANSI/AAMI SP10 Standard via Oscillometric method
- kPa/mmHg Unit exchange
- Auto power off after 30 seconds
- Easy to clean - BP monitor can be easily wiped down between uses
- Supplied with Wide range Adult Cuff (22-42cm) 4x AAA Batteries and easy to carry storage bag
- 1 year warranty



NEW!

Part No.	NPC	Description	Qty	Price
JPD-HA200	---	Jumper JPD-HA200 Blood Pressure Monitor Includes Adult Cuff (22-32cm), Carry Case and x4 AA Batteries	Single	£22.95

Jumper JPD-900A Blood Pressure Monitor

- Automatic Digital BP Monitor with Fuzzy Logic, WHO Classification display and Irregular heartbeat Indicator
- Upper Arm monitor designed for home, clinic and hospital use with Adult Patients
- Easy-to-read LCD screen displays Systolic and Diastolic readings
- Accurate to +/- 3mmHg for pressure, +/-5% for bpm
- Date Month/Year and time function which are also displayed on the screen
- Stores the last 180 readings (2x 90 readings for two users)
- Meets ANSI/AAMI SP10 Standard
- KPa/mmHG Unit exchange
- Auto power off after 1 minute
- Easy to clean – BP monitor can be easily wiped down between uses
- Supplied with Standard Adult cuff (22-32cm), 4x AA Batteries and carry case
- 1 year warranty



NEW!

Part No.	NPC	Description	Qty	Price
JPD-900A	---	Jumper JPD-900A Blood Pressure Monitor Includes Adult Cuff (22-32cm), Carry Case and x4 AA Batteries	Single	£24.95

MultiCuff Aneroid Sphyg Sets Palm Model

- High quality sphyg and cuffs in a durable case
- Reusable cuffs feature size guide, marking system with a one tube inflation bladder and quick release slip luer connector
- Lightweight and compact, fits into most trauma bags
- Suitable for a wide range of patient sizes
- Safely secured compartments
- 1 Year Warranty on sphygmomanometer



3 or 5?

Choose between a 3 (orange kit) or a 5 (navy kit) cuff set



Part No.	NPC	Description	Qty	Price
MCBP00003	FFE1006	MultiCuff BP Set (3 Cuffs, Orange) - Contains Sphyg + Child, Adult and Large Adult Cuffs	Single	£26.95
MCBP00005	---	MultiCuff BP Set (5 Cuffs, Navy) - Contains Sphyg + Infant, Child, Adult, Large Adult and Thigh Cuffs UM-101 / 102 Sphygs with Adjustable Stem and Top Plate	Single	£29.95

Blood Pressure

Aneroid Sphygmomanometer Palm Model

- Compact Aneroid Palm-Held Sphygmomanometer with Bright, easy to read, dial surface housed in tough ABS plastic
- One handed control for easy air release with either hand
- Precision mechanism ensures smooth performance and immediate response
- Measurement range 0-300mmHg
- Accurate to ± 3 mmHg
- Easy to clean – Sphygmomanometer can be easily wiped down between uses
- Supplied with Adult Cuff (22-32cm) and zip-up case
- 1 year warranty



Part No.	NPC	Description	Qty	Price
BK2012	FFE496	Aneroid Sphygmomanometer, Palm Model with Fluorescent Display Supplied with Adult Cuff & Carry Case	Single	£11.95

Aneroid Sphygmomanometer Pocket Type with Clip

- Lightweight Pocket Aneroid Sphygmomanometer with zinc alloy gauge featuring a retaining clip for fast attachment
- Precision mechanism ensures smooth performance and immediate response
- Measurement range 0-300mmHg
- Accurate to ± 3 mmHg
- Easy to clean – Sphygmomanometer can be easily wiped down between uses
- Supplied with Adult Cuff (22-32cm) and zip-up case
- 1 year warranty



Part No.	NPC	Description	Qty	Price
BK2001	FFE498	Aneroid Sphygmomanometer, Pocket Type with Clip Supplied with Adult Cuff & Carry Case	Single	£9.95

Aneroid Sphygmomanometer Large Dial Sphygmomanometers

- Large Dial Aneroid Sphygmomanometer for use on Adult Patients with Easy to read 15cm (6") square dial with bold figures marked in 2mmHg increments
- Precision mechanism ensures smooth performance and immediate response
- 2m coiled tubing supplied for convenience
- Option of adjustable roll stand (height range 80-125cm)
- Measurement range: 0-300mmHg
- Accurate to ± 3 mmHg
- Easy to clean – Sphygmomanometer can be easily wiped down between uses
- Supplied with Adult Cuff (22-32cm)
- 1 year warranty



Part No.	NPC	Description	Qty	Price
BK2003	FFE818	Aneroid Sphygmomanometer, Stand Model with Square Dial - supplied with Adult Cuff	Single	£89.95
BK2004	FFE494	Aneroid Sphygmomanometer, Desk Model with Square Dial - supplied with Adult Cuff	Single	£22.95

Accoson Aneroid Sphygmomanometer Limpet Model

- Limpet Model Sphygmomanometer with One handed control suitable for right or left hand use
- Clear white face with sharp black scale
- Measurement range: 0-300mmHg
- Precision mechanism ensures smooth performance
- Accoson accuracy guaranteed, made in the UK
- 1 year warranty



Part No.	NPC	Description	Qty	Price
ACC0292	---	Accoson Limpet Aneroid Sphygmomanometer with Adult Velcro Straight Tube Cuff and Carry Case	Single	£32.25
ACC0299	---	Accoson Limpet Aneroid Sphygmomanometer with Large Adult Velcro Straight Tube Cuff and Carry Case	Single	£35.25

Accoson Aneroid Sphygmomanometer 6" with Stand

- Aneroid Sphygmomanometer with Rolling Stand for use on Adult Patients
- Easy to read large white dial with bold figures and red pointer
- Coiled tube cuff allows freedom of movement and easy storage in cuff container
- Adjustable stand features a heavy base with castors and a grab handle
- Measurement range 0-300mmHg
- Accoson accuracy guaranteed, made in the UK
- Designed to withstand double full scale overpressure
- Smooth lines for easy cleaning
- Supplied with Rolling Stand and Adult Cuff
- 1 year warranty



Storage Space

Convenient storage for cuffs and accessories



Part No.	NPC	Description	Qty	Price
ACC0362	---	Accoson Six Inch Sphyg with Stand and Adult Velcro Cuff (Coiled Tube)	Single	£123.00

Why choose ACCU-PRO™?

Our wide and versatile range of professional quality blood pressure cuffs, coupled with our flexible bespoke connection options, ensure that we can provide universal connection solutions for almost any situation.

This versatility also offers benefits to you as a user, allowing your sites to:

- Standardise to a single supplier of cuffs, streamlining your purchasing by removing SKU's and reducing associated costs.
- Reduce the total stock holding of cuffs from multiple brands and save time having to search for cuffs and match up specific connectors.
- Improve clinician confidence by enabling them to familiarise with a single connection system.
- Standardise on cuffs, helping to improve clinical efficiency by providing reliable, repeatable readings.
- Speed up patient treatment by eliminating downtime of monitors due to unavailability of speciality cuffs & connectors.

Standardisation and compliance with BS EN 80369-5:2016

In 2016, standard BS EN 80369 was published, entitled 'Small-bore connectors for liquids and gases in healthcare applications – Connectors for limb cuff inflation applications'. It specifies blood pressure cuff connectors designed to be incompatible with conical 'luer' connectors, in order to reduce the risk of misconnections between cuff inflation and respiratory, enteral and neural applications. These types of connection have historically all used the same connector type.

The standard formally specifies only one type of compliant fitting for blood pressure cuffs, type S1, which we refer to as a 'bayonet' type connector. Whilst PROACT Medical continues to support legacy connectors, we advise all users of blood pressure cuffs to convert their existing equipment to support 80369 compliant connectors.

To that end, PROACT Medical is able to perform on-site conversions to existing equipment, upgrading or replacing non-compliant air-hoses with 80369 compliant fittings. At the same time, we can convert dual tube monitors to a single-tube connection. The conversion can be performed quickly and with minimal disruption to the work environment and patient care.

The added benefit of standardisation to compliant connectors is streamlined stock-holding and facility-wide blood pressure cuff compatibility. Call us today for a free site evaluation.



Bayonet Connection
BS EN80369-5:2016
Compliant

ACCU-PRO Disposable NIBP Cuffs

Professional High Quality

NEW!

- Our wide and versatile range, coupled with our bespoke options ensures that we can provide a solution almost any situation
- Disposable cuffs, when used on a single patient before being destroyed, help to reduce the risk of cross contamination
- Suitable for patients even throughout extended stays
- Clear size guides and clinical markings
- Secure dual hook and loop for reliable inflation
- Centred tube for balanced cuff inflation
- Provides ultimate patient comfort and ease of use



Box of 20	Limb Size (cm)	No Connector		Bayonet (S1) BS EN80369-5:2016			Screw			Female Subminiature		
Infant	9-15	APCD10010	£62.50	APCD11010	FFF1002	£65.00	APCD12010	FFF1015	£65.00	APCD13010	FFF1020	£67.50
Child	14-22	APCD10020	£62.50	APCD11020	FFF1013	£65.00	APCD12020	FFF1016	£65.00	APCD13020	FFF1021	£67.50
Small Adult	21-29	APCD10030	£67.50	APCD11030	FBF4468	£70.00	APCD12030	FBF4473	£70.00	APCD13030	FFF1022	£72.00
Adult	28-37	APCD10040	£72.50	APCD11040	FBF4469	£75.00	APCD12040	FBF4474	£75.00	APCD13040	FBF4476	£77.00
Adult - Extra Long	28-37	APCD10049	£82.50	APCD11049	FBF4470	£85.00	APCD12049	FFF1017	£85.00	APCD13049	FFF1023	£87.00
Large Adult	36-46	APCD10050	£89.00	APCD11050	FBF4471	£91.50	APCD12050	FBF4475	£91.50	APCD13050	FFF1024	£93.00
Large Adult - Extra Long	36-46	APCD10059	£100.00	APCD11059	FBF4472	£102.50	APCD12059	FFF1018	£102.50	APCD13059	FFF1025	£104.00
Thigh	45-57	APCD10060	£105.00	APCD11060	FBF1014	£107.50	APCD12060	FFF1019	£107.50	APCD13060	FFF1026	£109.00



Box of 20	Limb Size (cm)	No Connector		Screw			Female Subminiature			Mated Subminiature		
Infant	9-15	APCD20010	£65.00	APCD22210	FFF1027	£70.00	APCD23310	FFF1035	£72.50	APCD24310	FFF1042	£72.50
Child	14-22	APCD20020	£65.00	APCD22220	FFF1028	£70.00	APCD23320	FFF1036	£72.50	APCD24320	FFF1043	£72.50
Small Adult	21-29	APCD20030	£70.00	APCD22230	FFF1029	£75.00	APCD23330	FFF1037	£77.50	APCD24330	FBF4478	£77.50
Adult	28-37	APCD20040	75.00	APCD22240	FFF1030	£80.00	APCD23340	FBF4477	£82.50	APCD24340	FBF4479	£82.50
Adult - Extra Long	28-37	APCD20049	£84.00	APCD22249	FFF1031	£89.50	APCD23349	FFF1038	£92.50	APCD24349	FBF4480	£92.50
Large Adult	36-46	APCD20050	£97.50	APCD22250	FFF1032	£103.00	APCD23350	FFF1039	£105.00	APCD24350	FBF4482	£105.00
Large Adult - Extra Long	36-46	APCD20059	£106.00	APCD22259	FFF1033	£112.00	APCD23359	FFF1040	£115.00	APCD24359	FBF4482	£115.00
Thigh	45-57	APCD20060	£109.00	APCD22260	FFF1034	£115.00	APCD23360	FFF1041	£118.00	APCD24360	FFF1044	£118.00

Our Universal Connectivity System is designed with you in mind
If you can't find the connector you are looking for, or are interested in the cost-saving benefits of on-site conversions contact us for assistance.

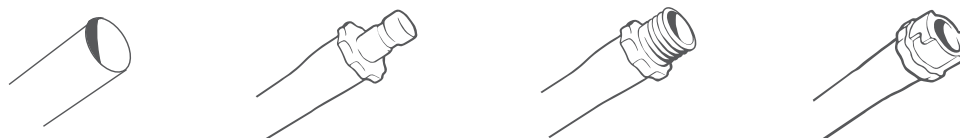
ACCU-PRO Reusable NIBP Cuffs

Professional High Quality

- Our wide and versatile range, coupled with our bespoke options ensures that we can provide a solution almost any situation.
- Reduce the time and cost of managing and maintaining potentially large cuff inventories and raising continual replacement orders. Standardising to a single cuff supplier can further maximise these savings.
- Secure dual hook and loop for reliable inflation
- Centred tube for balanced cuff inflation
- Durable and easy to clean
- Our 1 year warranty and durable construction offers piece of mind for use over extended periods



NEW!



Box of 5	Limb Size (cm)	No Connector		Bayonet (S1) BS EN80369-5:2016			Screw			Female Subminiature		
Infant	9-15	APCR10010	£19.00	APCR11010	FFF1045	£20.00	APCR12010	FFF1049	£20.00	APCR13010	FFF1057	£21.00
Child	14-22	APCR10020	£21.50	APCR11020	FFF1046	£22.00	APCR12020	FFF1050	£22.00	APCR13020	FFF1058	£23.00
Small Adult	21-29	APCR10030	£24.50	APCR11030	FBF4483	£25.50	APCR12030	FFF1051	£25.50	APCR13030	FFF1059	£26.00
Adult	28-37	APCR10040	£29.00	APCR11040	FBF4484	£30.00	APCR12040	FFF1052	£30.00	APCR13040	FFF1060	£30.50
Adult - Extra Long	28-37	APCR10049	£32.00	APCR11049	FBF4485	£33.00	APCR12049	FFF1053	£33.00	APCR13049	FFF1061	£33.50
Large Adult	36-46	APCR10050	£35.00	APCR11050	FBF4486	£36.00	APCR12050	FFF1054	£36.00	APCR13050	FFF1062	£37.00
Large Adult - Extra Long	36-46	APCR10059	£40.00	APCR11059	FFF1047	£41.50	APCR12059	FFF1055	£41.50	APCR13059	FFF1063	£42.00
Thigh	45-57	APCR10060	£45.00	APCR11060	FFF1048	£45.50	APCR12060	FFF1056	£45.50	APCR13060	FFF1064	£46.50



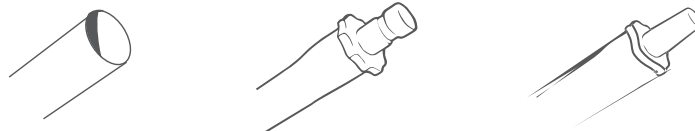
Box of 5	Limb Size (cm)	No Connector		Screw			Female Subminiature			Mated Subminiature		
Infant	9-15	APCR20010	£21.00	APCR22210	FFF1073	£22.50	APCR23310	FFF1081	£24.00	APCR24310	FFF1088	£24.00
Child	14-22	APCR20020	£23.00	APCR22220	FFF1074	£24.50	APCR23320	FFF1082	£26.00	APCR24320	FFF1089	£26.00
Small Adult	21-29	APCR20030	£26.00	APCR22230	FFF1075	£27.50	APCR23330	FFF1083	£29.50	APCR24330	FFF1090	£29.50
Adult	28-37	APCR20040	£30.50	APCR22240	FFF1076	£32.00	APCR23340	FBF4487	£33.50	APCR24340	FBF4488	£33.50
Adult - Extra Long	28-37	APCR20049	£33.50	APCR22249	FFF1077	£35.00	APCR23349	FFF1084	£37.00	APCR24349	FFF1091	£37.00
Large Adult	36-46	APCR20050	£37.00	APCR22250	FFF1078	£38.50	APCR23350	FFF1085	£40.00	APCR24350	FFF1092	£40.00
Large Adult - Extra Long	36-46	APCR20059	£42.00	APCR22259	FFF1079	£43.50	APCR23359	FFF1086	£45.50	APCR24359	FFF1093	£45.50
Thigh	45-57	APCR20060	£46.50	APCR22260	FFF1080	£48.50	APCR23360	FFF1087	£50.00	APCR24360	FFF1094	£50.00

Our Universal Connectivity System is designed with you in mind
If you can't find the connector you are looking for, or are interested in the cost-saving benefits of on-site conversions contact us for assistance.

ACCU-PRO Disposable Neonatal NIBP Cuffs

Professional High Quality

- Our Neonatal Disposable Blood Pressure Cuffs offer all the same excellent benefits and features as the standard Disposable Cuff range, just with smaller patients in mind
- Clear size guides and clinical markings for ease of use
- Super soft material and edges, maximising patient comfort
- Dual hook and loop fastening for secure inflation
- Universal connectivity options
- Fun characters to keep parents and patients at ease



Box of 50	Limb Size (cm)	No Connector	Bayonet (S1) BS EN80369-5:2016	Male Slip Luer
Neonate 1	3-6	APCD10001 £87.50	APCD11001 FFF1002 £95.00	APCD16001 FFF1007 £87.50
Neonate 2	4-8	APCD10002 £87.50	APCD11002 FFF1003 £95.00	APCD16002 FFF1008 £87.50
Neonate 3	6-11	APCD10003 £87.50	APCD11003 FFF1004 £95.00	APCD16003 FFF1009 £87.50
Neonate 4	7-13	APCD10004 £87.50	APCD11004 FFF1005 £95.00	APCD16004 FFF1010 £87.50
Neonate 5	8-15	APCD10005 £87.50	APCD11005 FFF1006 £95.00	APCD16005 FFF1011 £87.50

Contact us if
you can't find
the connector
you need

Connectors and Accessories

Connectors - If the connector you require isn't listed below, please get in touch.

	APCV11115	Bayonet, Male, Plastic, 5.1mm OD	BS EN 80369-5:2016 Compliant	Pack of 10	£4.50
	APCV11225	Bayonet, Female, Metal, 5.1mm OD		Single	£7.50
	APCV12115	Screw, Male, Plastic, 5.1mm OD		Pack of 10	£29.50
	APCV12215	Screw, Female, Plastic, 5.1mm OD		Pack of 10	£3.50
	APCV13115	Subminiature (Click-Lock), Male, Plastic, 5.1mm OD		Pack of 10	£7.95
	APCV13215	Subminiature (Click-Lock), Female, Plastic, 5.1mm OD		Pack of 10	£7.00
	APCV16116	Slip Luer, Male, Plastic, 5.6mm OD		Pack of 10	£3.50

Accessories - For any bespoke connection requirements, please get in touch.

	APCV30010	NIBP Hose Clamp	Pack of 10	£3.50
	APCV20010	NIBP Adapter, Horseshoe, No Connectors	Pack of 10	£49.95
	APCV24910	NIBP Adapter, Horseshoe, Mated Sub, Male Bayonet	Pack of 10	£59.95

Air Hose / Tubing

	APCV7000A	Straight, 3.0mm ID	Per metre	£3.50
	APCV7000C	Coiled, 4.0mm ID, 3.0m	Single	£8.95
	APCV00020	Straight, Bayonet, M/F Connectors, 3.0m	Single	£29.95

Stethoscopes

Spirit Lightweight Single Head Nurse's Stethoscope

- Lightweight and ergonomically designed single head stethoscope
- Chrome plated zinc alloy chest piece
- All in one piece with moulded PVC tubing
- Plastic retaining ring
- 1 year warranty



Part No.	NPC	Description	Colour	Qty	Price
CK-603PBK	FFE791	Lightweight Single Head Nurse's Stethoscope - Black		Single	£4.50
CK-603PBL	FFE1553	Lightweight Single Head Nurse's Stethoscope - Blue		Single	£4.50
CK-603PGR	FFE1554	Lightweight Single Head Nurse's Stethoscope - Green		Single	£4.50
CK-603PPK	FFE1556	Lightweight Single Head Nurse's Stethoscope - Pink		Single	£4.50
CK-603PYE	FFE1558	Lightweight Single Head Nurse's Stethoscope - Yellow		Single	£4.50
CK-603PRD	FFE1557	Lightweight Single Head Nurse's Stethoscope - Red		Single	£4.50

Spirit Lightweight Dual Head Nurse's Stethoscope

- Lightweight and ergonomically designed dual head stethoscope
- Chrome plated zinc alloy chest piece
- All in one piece with moulded PVC tubing
- Plastic retaining ring
- 1 year warranty



Part No.	NPC	Description	Colour	Qty	Price
CK-A605TBK	FFE1002	Lightweight Dual Head Nurse's Stethoscope - Black		Single	£5.25
CK-A605TLB	---	Lightweight Dual Head Nurse's Stethoscope - Light Blue		Single	£5.25
CK-A605TYE	---	Lightweight Dual Head Nurse's Stethoscope - Yellow		Single	£5.25

Spirit Lightweight Dual Head Doctor's Stethoscope

- Lightweight Dual Head Doctors stethoscope with superior acoustic sensitivity
- High performance, chrome plated, zinc alloy chest piece
- Chrome plated "Trimflex" binaural tubing assembly
- Soft ear tips for comfort whilst wearing
- 1 year warranty



Part No.	NPC	Description	Colour	Qty	Price
CK-601PBK	FFE227	Lightweight Dual Head Doctor's Stethoscope - Black		Single	£12.00
CK-601PHG	FFE1012	Lightweight Dual Head Doctor's Stethoscope - Hunter Green		Single	£12.00
CK-601PBU	---	Lightweight Dual Head Doctor's Stethoscope - Burgundy		Single	£12.00
CK-601PNB	FFE1013	Lightweight Dual Head Doctor's Stethoscope - Navy Blue		Single	£12.00
CK-601PYL	---	Lightweight Dual Head Doctor's Stethoscope - Yellow		Single	£12.00

Spirit Sprague Rappaport Stethoscope

- Sprague Rappaport Stethoscope with twin chest piece, straight tubing connector and special key change system
- Patented straight chest piece has twin tube connector for optimum sensitivity
- Features non-chill rings and high comfort ear tips plus anatomically angled headset for added comfort
- 1 year warranty

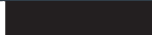






Part No.	NPC	Description	Colour	Qty	Price
CK-649BK	FFE1003	Sprague Rappaport Stethoscope - Black		Single	£10.50

Spirit Pressure Sensitive Dual Head Professional Stethoscope

- Pressure Sensitive Dual Head Professional Stethoscope with superior acoustic sensitivity
- High performance chest piece in stainless steel brushed finish
- Patented multi frequency deluxe diaphragm system for pressure sensitive frequency control
- Features non-chill rings and high comfort ear tips
- Anatomically angled headset for added comfort
- 1 year warranty



Part No.	NPC	Description	Colour	Qty	Price
CK-S601PFBK	FFE792	Professional Pressure Sensitive Dual Head Stethoscope - Black		Single	£49.00
CK-S601PFBL	---	Professional Pressure Sensitive Dual Head Stethoscope - Blue		Single	£49.00
CK-S601PFHG	---	Professional Pressure Sensitive Dual Head Stethoscope - Hunter Green		Single	£49.00
CK-S601PFBU	---	Professional Pressure Sensitive Dual Head Stethoscope - Burgundy		Single	£49.00
CK-S601PFNB	---	Professional Pressure Sensitive Dual Head Stethoscope - Navy Blue		Single	£49.00

Spirit Deluxe Dual Head Cardiology Stethoscope

- Deluxe Dual Head Cardiology Stethoscope offers unsurpassed performance, quality and value
- Stainless steel head for performance in all relevant frequency ranges
- Chrome plated "Trimflex" binaural tubing assembly
- Features non-chill rings and high comfort ear tips
- Diaphragm head with dynamically tooled inner cone for outstanding acoustic pick up
- 1 year warranty



Part No.	NPC	Description	Colour	Qty	Price
CK-S747PBK	FFE228	Deluxe Dual Head Cardiology Stethoscope - Black		Single	£59.00
CK-S747PNB	---	Deluxe Dual Head Cardiology Stethoscope - Navy Blue		Single	£59.00
CK-S747PHG	---	Deluxe Dual Head Cardiology Stethoscope - Hunter Green		Single	£59.00
CK-S747PBU	---	Deluxe Dual Head Cardiology Stethoscope - Burgundy		Single	£59.00

Temperature

ET-100A Infrared Thermometer Ear Thermometer

- Tympanic Infrared Ear Thermometer for use on Adult and Child patients
- Hospital grade accuracy to $\pm 0.2^{\circ}\text{C}$ from 35.5°C to 42.0°C
- Disposable probe covers are available separately (ET-Cover)
- Quick 1 second response time
- Temperature range: 34.0°C to 44°C
- Stores last 10 readings
- Temperature can be displayed in either Fahrenheit or Celsius
- Annual device verification is recommended either at PROACT Medical or via a Blackbody source.
- Easy to clean – Thermometer can be wiped down between uses
- Supplied with 2x AAA Batteries, 20x disposable probe covers and carry pouch
- 1 year warranty



Part No.	NPC	Description	Qty	Price
ET-100A	---	ET-100A Infrared Ear Thermometer - 1 Second Measurement	Single	£29.95
ET-100AC	---	ET-100A Infrared Ear Thermometer with Carry Case - 1 Second Measurement	Single	£31.50
ET-COVER	FWH240	Probe Covers for ET-100 Thermometers	100	£7.00

Berrcom Infrared Thermometer Infrared Forehead

- Non-contact (no touch) Infrared Forehead Thermometer for use on Adult and Child patients, it's hygienic and non-intrusive use assists in preventing cross infection
- Three screen colours correlating with different temperature ranges **Green:** less than 37.3°C
Orange: 37.4°C - 37.9°C
Red: 38°C + (Audible alarm will alert if temperature is above this)
- Hospital grade accuracy to $\pm 0.2^{\circ}\text{C}$ (in range 35°C - 42°C)
- Easy to read backlit LCD screen with volume silence button makes it ideal for overnight monitoring
- Quick one second measurement time
- Body measurement range: 32°C - 43°C
- Last 32 readings are stored in memory
- Temperature can be displayed in either Fahrenheit or Celsius
- Also has surface temperature and ambient air mode
- Auto power off after 30 seconds
- Annual verification check is recommended either at PROACT Medical or via a Blackbody source
- Easy to clean – Thermometer can be wiped down between uses
- Supplied with x2 AA batteries and a carry case
- 18 Month Warranty



Part No.	NPC	Description	Qty	Price
JXB-182	FWH160	Berrcom JXB-182 Infrared Forehead Thermometer (Non-Contact) With Carry Case and Batteries	Single	£29.95
MSMC00002	---	Carry Case for Thermometers - Black	Single	£2.50

Jumper Infrared Thermometer Infrared Forehead

- Non-contact (no touch) Infrared Forehead Thermometer for use on Adult and Child patients (Child mode is recommended for patients under 12 years old)
- Hospital grade accuracy $\pm 0.2^{\circ}\text{C}$ from 35°C to 42.2°C
- Silent mode feature which makes it ideal for use during overnight monitoring
- Multi-functional measurement of forehead, objects and ambient air
- Smart fever alarm will alert when temperature is over 38°C
- Clear and easy to read backlit LCD screen with quick one second time measurement
- Thermometer will automatically turn off after 10 seconds
- Stores the last 20 temperature readings
- Annual device verification is recommended either at PROACT Medical or via a Blackbody source.
- Easy to clean – Thermometer can be wiped down between uses
- Supplied with 2x AAA Batteries and carry pouch
- 1 year warranty



Part No.	NPC	Description	Qty	Price
JPD-FR203	---	Jumper Non-Contact Infrared Thermometer - with Carry Case	Single	£39.95

Three Colour Indicator

Temperature Ranges

- $35^{\circ}\text{C} - 37.5^{\circ}\text{C}$
- $37.6^{\circ}\text{C} - 37.9^{\circ}\text{C}$
- $38^{\circ}\text{C} - 42.2^{\circ}\text{C}$

Temperature

PROACT Temperature Probes

General Purpose - Sterile

- Versatile probes for oral, nasal or rectal introduction
- Atraumatic design, soft tip and low friction material for maximum patient comfort
- Thin outer wall for fast reaction to changes in core body temperature
- Proven accuracy to $\pm 0.1^{\circ}\text{C}$ (measurement range 25°C to 45°C)
- Clearly marked with graduations to assist and confirm correct positioning
- YSI 400 series thermistors and standard two pin molex connector
- Interface cables available for most major manufacturer's monitoring equipment
- Supplied sterile for patient use and maximum safety

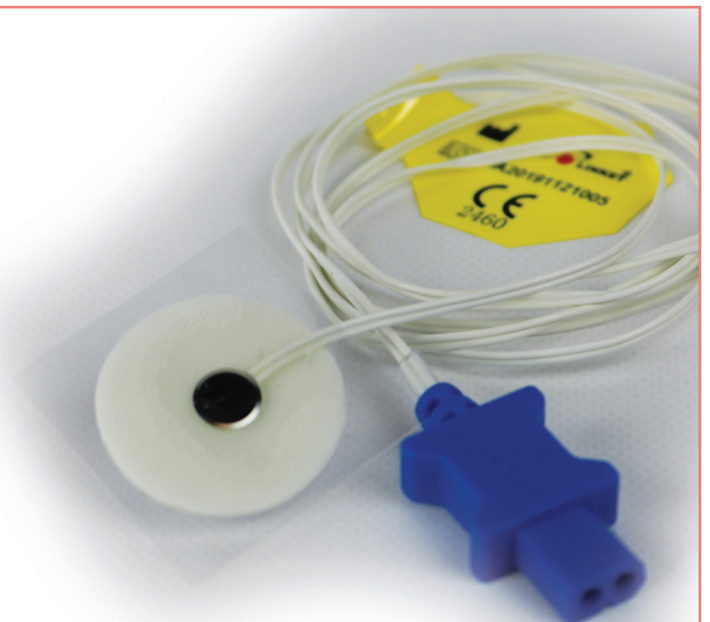


Part No.	NPC	Description	Qty	Price
PRTP11109	FKA734	PROACT Temperature Probe - YSI 400, General Purpose - 09Fr	50	£110.00
PRTP11112	FKA735	PROACT Temperature Probe - YSI 400, General Purpose - 12Fr	50	£110.00

PROACT Temperature Probes

Skin Surface - Sterile

- Versatile, non-invasive probes for measurement of surface temperature
- Easy to place/remove hypo-allergenic adhesive pad with reflective back insulates the probe from the influence of heat lamps or theatre lights
- Proven accuracy to $\pm 0.1^{\circ}\text{C}$ (measurement range 25°C to 45°C)
- Long sensor wire to allow for patient movement
- YSI 400 series thermistor with standard twin pin molex connection
- Interface cables available for most major manufacturer's monitors, incubators and patient warmers
- Supplied sterile and for single patient use for maximum safety



Part No.	NPC	Description	Qty	Price
PRTP31107	FKA736	PROACT Temperature Probe - YSI 400, Skin Contact - 7mm	25	£80.00

Well Lead Two-Way Foley Catheters With Temperature Probes - Sterile

- Two-way design for continuous catheterisation, facilitating urine drainage and measurement of output in multiple clinical settings
- Temperature probe gives the option of simultaneous monitoring of core body temperature, accurate to $\pm 0.1^{\circ}\text{C}$ (measurement range: 25°C to 45°C)
- Long side-arm with sealed lead wires keeps connectors away from patient for added security and moisture resistance
- 100% silicone construction helps reduce the risk of irritation and resist encrustation
- YSI 400 series temperature probe with standard twin pin molex connection
- Interface cables available for most major manufacturer's monitoring equipment
- Available in three sizes with colour coded inflation valves for easy identification
- Supplied sterile in easy to open sachets



Part No.	NPC	Description	Qty	Price
PU122310	FKA411	Well Lead Foley Catheter - Two Way with Temperature Probe, YSI 400 - 10Fr	10	£79.50
PU122312	FKA412	Well Lead Foley Catheter - Two Way with Temperature Probe, YSI 400 - 12Fr	10	£79.50
PU122314	FKA413	Well Lead Foley Catheter - Two Way with Temperature Probe YSI 400 - 14Fr	10	£79.50

PROACT Interface Cables For Temperature Probes

- Standard two pin molex connector compatible with most common temperature probes
- Interface cables available for most major manufacturer's monitors, incubators and patient warmers
- Robust construction covered by a one year warranty



Part No.	NPC	Image	Specification	Qty	Price
P RTP90224	FKA743		PROACT Interface Cable for Temperature Probes 6.3mm Jack (Straight) - 2.4m Cable	Single	£34.00
P RTP90324	FKA787		PROACT Interface Cable for Temperature Probes 6.3mm Jack (Angled) - 2.4m Cable	Single	£34.00
P RTP90524	FKA744		PROACT Interface Cable for Temperature Probes Philips / HP - 2 Pin - 2.4m Cable	Single	£34.00
P RTP90624	FKA788		PROACT Interface Cable for Temperature Probes Draeger / Siemens - 7 Pin - 2.4m Cable	Single	£34.00
P RTP90724	FKA792		PROACT Interface Cable for Temperature Probes GE (11 Pin) - 2.4m Cable	Single	£34.00

Oxygen Monitoring

EnviteC MySign O Oxygen Monitor

- Fast, highly precise readings for anaesthetic and neonatal applications with an uncompromising robustness for demanding rescue operations
- Immediate access to the ventilation parameter FiO2, offering safety in critical situations
- Offers valuable support in analysis and patient care for at home oxygen therapy
- Highly robust design
- A compact, lightweight and extremely easy to use monitor
- IP 54 certified for water and dust resistance
- Durable and shock protected with IK 05 impact strength
- Easy to clean with common cleaning agents and disinfectants
- Wide range of functions
- Extra large TFT colour display is easy to read from a distance
- Self explanatory icon based control with soft keys for fast use
- Simple ambient air and 100% oxygen calibration
- Comprehensive data and alarm management
- Versatile use as monitor (handheld or bedside) or spot check device
- Reduction of false alarms
- 96 hours of data storage for review or export to PC software (included with device)
- Over 24 hours of operating time per charge
- 2 year warranty



Part No.	NPC	Description	Qty	Price
1001825	---	EnviteC MySign O Oxygen Monitor Contains OOM111 O2 Cell and USB charger	Single	£455.00
1001801	---	Clamp for EnviteC Mysign O Oxygen Monitor	Single	£120.00
1001829	---	Mains Power Supply - Mini USB 5V / 1.5A	Single	£39.00
1001815	---	USB Charger / Data Download Cable - 1.5m	Single	£9.95

Part No.	NPC	Description	Qty	Price
OXY-TP	---	Reusable T Adapter for O2 Analysers - Male / Female 22mm Airway Fittings	5	£30.00
OOM111	---	EnviteC Oxygen Sensor OOM111- Replacement for MySign O and OxiQuant MC	Single	£72.03
OXQ-MCB	---	OxiQuant MC Holder Bracket - ONLY	Single	£22.95
OXQ-PMC	---	Pole Mount Clamp - For use with OxiQuant MC Holder Bracket	Single	£35.00
OXQ-MDC	---	Modura Claw- For use with OxiQuant MC Holder Bracket	Single	£30.00

Mount

Fully mountable
by adjustable clamp



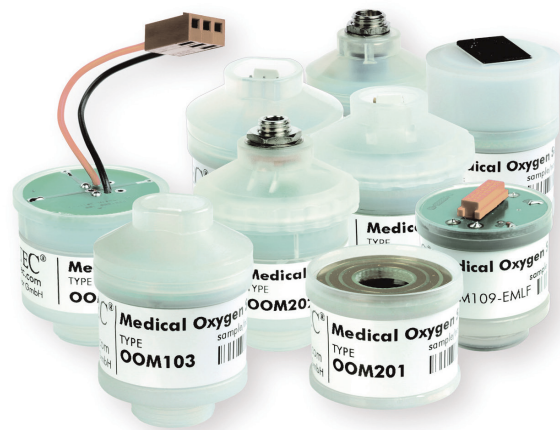
USB Compatible

Connect the USB Data
Download Cable (1001815)
for stored data readings



EnviteC Multi Compatible Oxygen Sensors

- High precision electrochemical oxygen sensors offering reliability and durability
- Meet the requirements of DIN EN ISO 21 647
- Excellent signal stability and fast response times (between 5 and 12 seconds to 90% of final value)*
- Resistance to N2O



* Specifications differ between types - call us for specs for a particular sensor

	OOM101 O2 Sensor S (1 year warranty)		OOM102 O2 Sensor C (1 year warranty)		OOM102-1 O2 Sensor C-1 (1 year warranty)		OOM103 O2 Sensor A (1 year warranty)
	OOM103-1 O2 Sensor A-1 (1 year warranty)		OOM103-M O2 Sensor A-1M (1 year warranty)		OOM202-2S O2 Sensor V300 (1 year warranty)		OOM105 O2 Sensor E (1 year warranty)
	OOM106 O2 Sensor (1 year warranty)		OOM110 O2 Sensor (1 year warranty)		OOM112 O2 Sensor (1 year warranty)		OOM113 O2 Sensor V300 (1 year warranty)
	OOM201 O2 Sensor D (1 year warranty)		OOM202 O2 Sensor V300 (1 year warranty)		OOM202-1 O2 Sensor V-1 (1 year warranty)		OOM202-2 O2 Sensor V-2 (1 year warranty)

Please turn to the next page to see the Oxygen Sensor Compatibility Chart

Oxygen Monitoring

Use the compatibility chart below to identify the sensor your require.

Original Manufacturer	Model	Original Part No.	Replacement Part No.	Price
Airshields	Isolette C2000		OOM102	£37.01
		6735142	OOM202-1	£37.01
Analytical Industries		PSR-11-917-J	OOM201-1	£34.36
BMD Bio Med Services	M-10, M-2	10006	OOM102-1	£37.01
Bird Products (VIASYS)	6400 Vent, 8400 Vent, VIP Vent	66030	OOM102-1	£37.01
	Avea, Vent		OOM202	£31.72
Catalyst Research MSA		655263	OOM201	£34.36
		655264	OOM101	£34.36
	Mini-Ox, I, II, III, 3000	406931	OOM102-1	£37.01
		472062	OOM202	£31.72
		804674	OOM105	£37.01
	Mini-Ox IA	806572	OOM202-2	£37.01
City Technology		MOX-1	OOM102	£37.01
		MOX-2	OOM102-1	£37.01
		MOX-3	OOM113	£47.00
		MOX-4	OOM105	£37.01
		MOX-7	OOM110	£52.87
		MOX-9	OOM202	£31.72
		MOX-16	OOM201	£34.36
Dameca	Alpha Med	42035-46	OOM102-1	£37.01
Datascope	0600-00-0002		OOM106	£40.97
Datex Engstrom	Erica, Elvira		OOM102-1	£37.01
Datex Ohmeda (GE Medical)	Aestiva, 7900 Monitor, Excel SE	6050-0004-110	OOM110	£52.87
	4700, OXICAP, 5100, 5120, 5140, 5250, 5250 RGM, 7200, 7800, 7810, Excel, Modulus		OOM101	£34.36
	Giraffe		OOM112	£107.00 (pack of 2)
Drager	Babylog, Evita Series, Fabius, Oxycom, Oxydig, PM 8030, Anemone, Cicero	6850645	OOM201	£34.36
Hamilton		HM-03	OOM105	£37.01
		HM-10	OOM101	£34.36
	Galileo, Raphael, Alladin	HM-12	OOM202	£31.72
		HM-13	OOM201	£34.36
		HM-14	OOM201	£34.36
IT-Gambert		M-03	OOM202-1	£37.01
		M-04	OOM201	£34.36
		M-10	OOM202	£31.72
		M-16	OOM106	£40.97
		M-25	OOM103-1M	£40.97

Oxygen Monitoring

Use the compatibility chart below to identify the sensor your require.

Original Manufacturer	Model	Original Part No.	Replacement Part No.	Price
Maxtec	MAX-1		OOM101	£34.36
	MAX-10		OOM110	£52.87
	MAX-11		OOM201	£34.36
	MAX-12		OOM202	£31.72
	MAX-13		OOM202-1	£37.01
	MAX-14		OOM202-2	£37.01
	MAX-17		OOM105	£37.01
	MAX-22C		OOM103	£37.01
	MAX-13F		OOM103-1	£37.01
	MAX-3		OOM113	£47.00
	MAX 12F, MAX-16		OOM106	£40.97
NAD	Nacromed		OOM201	£34.36
Nuova	E-77/05		OOM113	£47.00
Ohmeda	4700 OxiCap, 5250 RGM, Excel	0237-2034-700	OOM101	£34.36
Pacifitech	PT-10		OOM101	£34.36
	PT-12		OOM202	£31.72
	PT-14		OOM201	£34.36
	PT-25A		OOM103-1M	£40.97
Puritan Bennett	7280 Monitor, 7200 Ventilator	4-020933-00	OOM102-1	£37.01
	840, 740, 760	4-072214-00	OOM202	£31.72
Respironics	Espirit		OOM102-1	£37.01
Sensor Tec	ST-03		OOM105	£37.01
	ST-10		OOM101	£34.36
	ST-11		OOM102-1	£37.01
	ST-12		OOM102	£37.01
	ST-14		OOM201	£34.36
Sechrist	4370, 650		OOM105	£37.01
Sensidyne	V-08, V-08A		OOM113	£47.00
Siemens	SV 300, SV 710	9004979 E347E	OOM202	£31.72
	SV 900C, SV 900D		OOM202	£31.72
SLE	T-801		OOM102-1	£37.01
Spacelabs	90514		OOM102	£37.01
Stephen	Stephanie		OOM202-2S	£58.81
	Artec, Christina		OOM102-1	£37.01
Taema	Caesar		OOM102 / 102-1	£37.01
	Eolo		OOM102-1	£37.01

Multi Parameter SimCube Kits

Complete Vital Signs Simulator

The SC-5 SimCube® NIBP Simulator provides ECG, Resp, Arrhythmias, Pacer Simulation, IBP, and more for accurate biomedical testing. The SimCube simulates real-life oscillometric pulses by varying both the shape and size of the wave as cuff pressure changes. Features one-button operation in a compact, 3-inch cube. Get 150-250 NIBP simulations from a set of 4 "AA" alkaline or NiMH batteries using the Battery Boost.

- Adult (120/80 mmHg), Neonatal (70/40 mmHg), Hypertensive (190/120 mmHg), and Hypotensive (80/40 mmHg) NIBP Simulations
- Digital Manometer
- 12-lead ECG Simulation
- Arrhythmia
- Respiration
- Invasive Blood Pressure (IBP) Dynamic values (120/80, 70/40, 190/120)
- 7 static IBP values (0, 25, 50, 100, 150, 200, 250)
- Heart Rate/Respiration sequence
- Pacer
- Over Pressure (Peak Detect) Test mode measures the peak pressure produced by the patient monitor. The readout latches the highest pressure value sensed, in 0.1mmHg steps.
- Leak Rate Test Mode
- 4 year warranty



Part No.	NPC	Description	Qty	Price
SC-5KIT	---	SC-5 SimCube NIBP Simulator Kit with Carry Case, Power Supply, Certificate of Calibration and NIBP Adapters	Single	£2426.50
SC-5OXKIT	---	SC-5 SimCube NIBP Simulator Kit and OxSim Classic with Carry Case, Power Supply, Certificate of Calibration and NIBP Adapters	Single	£3789.25
SC-5OX2KIT	---	SC-5 SimCube NIBP Simulator Kit and OxSim II Flex with Carry Case, Power Supply, Certificate of Calibration and NIBP Adapters	Single	£4450.00
SC-5OXSLKIT	---	SC-5 SimCube NIBP Simulator Kit + OxSim Classic and SimSlim with Carry Case, Power Supply, Certificate of Calibration and NIBP Adapters	Single	£5284.25
SC-5OX2SLKIT	---	SC-5 SimCube NIBP Simulator Kit + OxSim II Flex and SimSlim with Carry Case, Power Supply, Certificate of Calibration and NIBP Adapters	Single	£5865.00
SC-EXTEND	---	ECG Snap Extender Block Recommended if you are using snaps instead of clips	Single	£99.00
SC-BATTERY	---	Battery Boost for SimCube	Single	£325.00
SC-PS-UKG	---	Power Supply For SimCube, OxSim and FlowTrax Simulators	Single	£39.75
SL501-0403	---	Temperature Adapter (3.5mm Jack Connector) with 6.3mm adapter for Easy/SimSlim Simulator	Single	£27.00
SC-JACKET	---	Cuff Jacket For use with the SimCube	Single	£42.50
SC-CASE	---	Carry Case For SimCube, comes with space for OxSim and SimSlim	Single	£79.50
OXSIM-CASE	---	Carry Case For OxSim Simulator	Single	£35.00
SC-ESCASE	---	Carry Case For EasySim Simulator	Single	£45.00
SC-SLCASE	---	Carry Case For SimSlim Simulator	Single	£45.00

SimCube Adapters

Part No.	Image	Decription	Price
SC-ADAPT-D		Dinamap / Critikon Style A threaded screw on connector used on Critikon monitors	£42.50
SC-ADAPT-M		Marquette Style A freely rotating twist on connector, used on GE / Marquette Monitors	£42.50
SC-ADAPT-Q		Quick Disconnect (Bayonet S1 - BS EN 80369-5:2016 Compliant) A push pull quick disconnect connector used on HP/ Phillips Monitors	£42.50
SC-ADAPT-L		Luer A friction based connector used on Spacelab Monitors and most Neonatal Monitors	£42.50
SC-ADAPT-W		NIBP Adapter Flexiport Connector for Welch Allyn Monitors	£39.00
SC-ADAPT-B		Bulb Adapter This adapter is utilised in static calibration, as well as in Peak Detect (Overpressure) Mode for SimCube	£39.00
Part No.	Image	Decription	Price
SC-IBP-GE		IBP Adapter for GE / Marquette Rectangle, 11 Pin, Male	£79.50
SC-IBP-MDE		IBP Adapter for MDE / Spacelabs / Welch Allyn / Dinamap Round, 6 Pin, Male	£79.50
SC-IBP-MERLIN		IBP Adapter for HP Merlin / Agilent Philips Round, 12 Pin, Male	£79.50
SC-IBP-DATASCOPE		IBP Adapter for Datascope Monitors Round, 6 Pin, Female	£79.50
SC-IBP-DATEX		IBP Adapter for Datex-Ohmeda Monitors Round, 10 Pin, Female	£79.50
SC-IBP-DRAEGER		IBP Adapter for Draeger Monitors Round, 10 Pin, Male	£79.50
SC-IBP-FUKUDA		IBP Adapter for Fukuda Denshi Monitor s Round, 12 Pin, Male	£79.50
SC-IBP-EXT		IBP Extension Cable 2.8m / 6ft length	£15.00

OxSim Classic Simulator Pulse Oximeter Tester

- The OxSim Optical SpO2 simulator allows you to test a whole pulse oximetry system, including the sensor. Featuring 5 SpO2 Mode Stimulations
- Two button operation, giving four saturation values, three heart rates and two perfusion levels (see simulation mode table below)
- Rugged Polycarbonate housing can withstand being dropped from a height of 3 feet
- Compact Design (6.4 x 6.4 x 3.2cm)
- Lightweight (142g)
- Efficient 8 hours of continuous use from x1 AA battery, can also be mains powered
- 4 year warranty



Part No.	NPC	Description	Qty	Price
OXSIM	---	OxSim Classic Optical Pulse Oximetry Simulator with Carry Case, Power Supply, x1 AA Battery and Certificate of Calibration	Single	£1454.75

OxSim II Flex Simulator Pulse Oximeter Tester

Take control of all your simulations with the next-generation SpO2 pulse oximeter simulator, OxSim Flex. The world's smallest SpO2 tester now provides complete flexibility in selecting saturation, pulse rate, and perfusion index.

The OxSim Flex has an Autoprobe setting that will automatically detect the following SpO2 Manufacturers:

Nellcor, Masimo, Datascope, Welch Allyn, Spacelabs2, Philips Nihon- Kohden, Philips (tan/soft), Colin, Nonin- 8500/9500, GE/Marquette, CASMED Draeger/Siemens, Mindray, Mediadid, Midmark, Protocol, Datex Ohmeda

It is also compatible with Nonin PureSat, GE-TuffSat, Masimo Rainbow and BCI, however these SpO2 manufacturers will need to be selected manually before the sensor is placed on the device.

- Complete control of simulations!
- Saturations in 1% increments (10-100%)
- Pulse rates in 1 BPM increments (25-240)
- Create custom preset simulations for faster Alarm Testing
- Perfusion Index levels in 1% increments (10-100%)
- Masimo Rainbow SET® Compatible
- Automatic detection of SpO2 Manufacturer
- Color Display – OLED Technology
- Only 5 oz. (0.14 kg, excluding battery)
- Fast and Accurate
- Battery Operated – minimum 10 hours
- Power Save Mode
- Rugged, polycarbonate housing. Drop tested 65 times from a height of 3 feet (1m) to a hard surface with no failures!
- Field-upgradable Software
- Four-year Limited Warranty



Factory Preset Simulations		
Saturation (%)	Heart Rate (bpm)	Perfusion Index approx.
85	80	2.0
95	40	2.0
98	80	2.0
98	140	2.0
99	80	0.2

Part No.	NPC	Description	Qty	Price
OX-2	---	OxSim II Flex Pulse Oximetry Simulator with Carry Case, Power Supply, x1 AA Battery and Certificate of Calibration	Single	£2260.00
MAS3379	---	Masimo Rainbow SET Optical Test Simulator - 0.9m cable 20 Pin Connector (not for clinical use)	Single	£495.00
MAS3380	---	Masimo Rainbow SET Optical Test Simulator - 3.0m cable 20 Pin Connector (not for clinical use)	Single	£495.00

Multi Parameter SimSlim Patient Simulator

The smallest, comprehensive multi-parameter patient simulator on the market. Includes ECG, Respiration, Arrhythmia, 4-IBP, YSI 400/700 Temperature, and Cardiac Output. Its patented power circuitry provides amazing battery life up to 10 years without charging or changing batteries! One button operation reduces the time for setup and completing testing.

- **12 Lead ECG**
8 Heart Rates: 30, 60, 90, 120, 140, 160, 200, 240bpm
10 Arrhythmia: NSR with PVCs, VTACH, VFIB, Asys, Bigeminy, Pacer, Trigeminy, ST+, 2nd Deg. Block, Square Wave
- **Respiration**
8 Selectable Rates: 15, 30, 45, 60, 70, 80, 100, 120bpm
- **4 Invasive Blood Pressure Channels**
8 Dynamic: 120/80, 60/30, 30/10, 20/10, 125/15, 60/5
8/2, 4/1mmg
- **Cardiac Output Simulation**
3, 5 and 7/l min (no adapter cable required)
- **YSI 400 / 700 Temperature Simulations**
25, 37 and 40°C
- 4 year warranty



Part No.	NPC	Description	Qty	Price
SC-SIMSLIM	---	Multi Parameter SimSlim with Carry Case, IBP Adapter Cable of customer choice, IBP Extension Cable, Temperature Adapter Cable and Certificate of Calibration	Single	£1661.75

Multi Parameter EasySim Clinical Simulator

The new and improved EasySim® arrhythmia simulator is an ultra portable and lightweight remote control simulator that creates critical cardiac scenarios by mixing and matching various beats and rhythms using 48 direct-access keys.

Ability to control all features using the 20-ft. remote cord
EasySim is also a great choice when demonstrating the operation and features of patient monitoring systems.

- **12 Lead ECG (now features LV to AO Pullback Simulation and CVP Swan Move)**
NSR, Tachycardia, Bradycardia, ST segment +/- 1 mm, ECG rates: +/- 10 BPM
PVC: Couplet, Run, Pause, VTach, VFib, Asystole, Bigeminy, Trigeminy, Afi, Atrial Flutter, 1st, 2nd, 3rd Degree Blocks, Pacer, Muscle and Baseline Noise
- **Respiration**
Adjustable Respiration Rates +/- 5 BPM, Apnea, Range: 0-120 BPM
- **Invasive Blood Pressure: 4 Channels**
Arterial, PA, CVP, LVP pressure Control
LV to AO Pullback Simulation (simulates transducer moving from LV to Ao and back)
CVP Swan Move Simulation (simulates transducer moving from CVP to RV to PA to Wedge and back)
Intra-aortic Balloon Pump (IABP)
User-controlled Variable Pressures
- **Cardiac Output Simulation**
3, 5 and 7/l min (no adapter cable required)
- **YSI 400 / 700 Temperature Simulations**
25, 37 and 40°C
- 4 year warranty



Part No.	NPC	Description	Qty	Price
SL-9-CE	---	EasySim Multi Parameter Clinical Simulator with EasySim Remote, x3 IBP Adapter Cables of your choice, x3 IBP Extension Cables, x1 Temperature Cable with Stereo Plug and Carry Case	Single	£2501.25

FlowTrax IV Pump Analyser

- The next-generation FlowTrax® IV Pump Analyzer provides the fastest test results of any analyzer with a market-best measurement sensitivity of 0.8 microliters. Conveniently integrates the functions of three additional devices: (A) full-featured pressure meter with Electronic Occlusion test capabilities that can be utilized for testing any type of medical device for pressure or vacuum, (B) temperature meter compatible with any type of YSI 400 temperature probe for testing fluid, gas or air and (C) digital timer/stop watch that automatically starts and stops with fluid measurements.
- Eliminate the time and cost to purchase and calibrate four devices with a single ultra-compact, durable device! All features are NIST traceable.
- Compatible with all infusion devices from PCA, syringe, volumetric to feeding pumps.
- Quick Prime feature ensures quick set up and there is no need to re-prime between tests.
- Test results achieved in 3 minutes or less within a 1% accuracy for any flow rate from 1 to 999ml /hr (measurement sensitivity of 0.8 microliters).
- 1% Accuracy achieved with as little as 0.5 ml volume for low rate tests
- Features (NIST traceable) integrated pressure meter with Electronic Occlusion test, temperature meter and a digital timer/stop watch.
- Trend feature ensures that you never miss a test result
- Captures real-time results to any File, Form or Record on your PC with DataSnap
- YSI 400 temperature meter for fluid or air (Range: -28.9 to +115°C)
- Runs from mains power or x2 AA batteries (up to 10 hours operation from lithium batteries)
- Never miss a test result with Trend feature
- Option of USB export of real time data via DataSnap cable
- Integrated Stopwatch & Timer. Use as a stand-alone stopwatch (0 to 12 hours) but also auto-starts when device senses flow
- Removable sample tube and input Luer for easy field maintenance.
- 4-year warranty and has exceptional durability passing 50 drop tests from 3 ft!



HydroBalance Infusion Pump Test Aid

Automatically pivots IV bag in use to maintain fluid height relative to IV pump to meet manufacturers height requirements and improve accuracy of testing.

Part No.	NPC	Description	Qty	Price
FT-2KIT	---	FlowTrax Infusion Pump Analyser with Syringe, Temperature Probe Adapter, Luer Connector, Cleaning Kit, Output Hose, USB Cable, Carry Case and Power Supply (UK Plug)	Single	£2769.00
FT601-FT01	---	DataSnap Serial Communication Cable - Stereo to USB for FlowTrax Infusion Pump Analyser	Single	£199.00
FT501-9914	---	HydroBalance Infusion Pump Test Aid Including Kangaroo Fluid Feeding Bag (1000ml)	Single	£164.00
FT501-9915	---	Kangaroo Fluid Feeding Bag 1000ml	4	£52.00
FT501-9909	---	Mounting Clamp For FlowTrax Infusion Pump Analyser	Single	£155.00
FT501-0807	---	Carry Case For FlowTrax Infusion Pump Analyser	Single	£62.00
FT501-0404	---	Adapter Cable For YSI 400 Temperature Probe	Single	£10.00
FT501-9907	---	Flush Bottle For FlowTrax Glass Tube	Single	£11.00
FT501-9913	---	Cleaning Brush For FlowTrax Glass Tube	Single	£26.00
FT501-9908	---	Output Hose (45cm) For FlowTrax Infusion Pump Analyser	Single	£7.00
FT406-3010	---	Filter Assembly For FlowTrax Infusion Pump Analyser	Single	£37.50

Choosing your PROACT Laryngoscope

At PROACT we manufacture a wide range of high quality laryngoscopes. These are available in 3 key ranges. Green System, Conventional and Combi. here are some key features to help you decide which system is right for you.

Green System Page 93



Shielded Fibre Optic Light Bundle

Marked Green for Green System Fibre Optic

Pre-Installed Batteries available

LED Light Source in the Handle



Conventional Page 98



LED integrated into the blade

PROACT uses yellow to indicate conventional system

Pre-Installed Batteries available

Electrical Contact Between Blade and Handle



COMBI Page 101



LED built into the blade

All in one permanently attached Blade and Handle

Pre-Installed Batteries

Test in Bag Packaging



Laryngoscopes - Green System

Metal Max GS90 Disposable Laryngoscope Blades

90% Metal Construction with Green System Fitting

- Compatible with all ISO 7376:2009 Compliant Fibre Optic Green System handles
- Laser welded Surgical Stainless steel runs through the hook, providing superior strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Shielded optics for light output focused where its required
- Supplied in easy to open, colour coded sachets
- Cardiff Pro Blades are a straight blade similar to a Miller with a 5 degree downward angled blade (upward angled by 5 degrees when in use) and a flat atraumatic tip to enable easier tongue control
- Tested to exceed the ISO 7376:2009 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)



MMGS90MAC1



MMGS90MIL1



MMGS90CP1

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMGS90MAC0	FSM3977	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 0	61.0	8.5	Box of 10	£39.50
MMGS90MAC1	FSM729	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 1	75.0	11.5	Box of 10	£39.50
MMGS90MAC2	FSM089	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 2	93.0	12.5	Box of 10	£39.50
MMGS90MAC3	FSM090	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 3	110.0	13.5	Box of 10	£39.50
MMGS90MAC4	FSM091	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 4	135.0	14.0	Box of 10	£39.50
MMGS90MAC5	FSM3978	Metal Max GS90 Fibre Optic Laryngoscope Blade - Macintosh 5	156.0	14.0	Box of 10	£39.50
MMGS90MIL00	FSM3758	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 00	44.0	10.5	Box of 10	£39.50
MMGS90MIL0	FSM146	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 0	55.0	10.5	Box of 10	£39.50
MMGS90MIL1	FSM092	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 1	81.0	10.5	Box of 10	£39.50
MMGS90MIL2	FSM3726	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 2	131.0	13.0	Box of 10	£39.50
MMGS90MIL3	FSM3982	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 3	171.0	13.0	Box of 10	£39.50
MMGS90MIL4	FSM3983	Metal Max GS90 Fibre Optic Laryngoscope Blade - Miller 4	182.0	17.0	Box of 10	£39.50
MMGS90CP00	FSM3990	Metal Max GS90 Fibre Optic Laryngoscope Blade - Cardiff Pro 00	55.0	8.0	Box of 10	£45.00
MMGS90CP0	FSM4109	Metal Max GS90 Fibre Optic Laryngoscope Blade - Cardiff Pro 0	71.0	9.0	Box of 10	£45.00
MMGS90CP1	FSM3994	Metal Max GS90 Fibre Optic Laryngoscope Blade - Cardiff Pro 1	77.0	10.0	Box of 10	£45.00

PROACT Lever Tip Blades

- Optimised atraumatic pivot design with minimal spring pressure and fully softened edges prevent tissue pinching and enhances feel at the tip



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMGS90LT2	FSM3981	Metal Max GS90 Fibre Optic Laryngoscope Blade - Lever Tip Mac 2	93.0	12.5	Box of 10	£273.00
MMGS90LT3	FSM3698	Metal Max GS90 Fibre Optic Laryngoscope Blade - Lever Tip Mac 3	110.0	13.5	Box of 10	£273.00
MMGS90LT4	FSM3759	Metal Max GS90 Fibre Optic Laryngoscope Blade - Lever Tip Mac 4	135.0	14.0	Box of 10	£273.00

Metal Max GS100 Disposable Speciality Laryngoscope Blades

100% Metal Construction with Green System Fitting

- Compatible with all ISO 7376:2009 Compliant Fibre Optic Green System handles
- Full Surgical Stainless steel construction providing ultimate strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Triple sprung ball bearings ensure a secure fit to the handle
- Shielded optics for light output focused where its required
- Supplied in easy to open, colour coded sachets
- Tested to exceed the ISO 7376:2009 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMGS100MAC0	FSM3694	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 0	61.0	8.5	Box of 10	£49.50
MMGS100MAC1	FSM3949	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 1	75.0	11.5	Box of 10	£49.50
MMGS100MAC2	FSM089	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 2	93.0	12.5	Box of 10	£49.50
MMGS100MAC3	FSM090	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 3	110.0	13.5	Box of 10	£49.50
MMGS100MAC4	FSM091	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 4	135.0	14.0	Box of 10	£49.50
MMGS100MAC5	FSM3978	Metal Max GS100 Fibre Optic Laryngoscope Blade - Macintosh 5	156.0	14.0	Box of 10	£49.50
MMGS100MIL00	FSM3758	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 00	44.0	10.5	Box of 10	£49.50
MMGS100MIL0	FSM146	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 0	55.0	10.5	Box of 10	£49.50
MMGS100MIL1	FSM092	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 1	81.0	10.5	Box of 10	£49.50
MMGS100MIL2	FSM3726	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 2	131.0	13.0	Box of 10	£49.50
MMGS100MIL3	FSM3982	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 3	171.0	13.0	Box of 10	£49.50
MMGS100MIL4	FSM3983	Metal Max GS100 Fibre Optic Laryngoscope Blade - Miller 4	182.0	17.0	Box of 10	£49.50
MMGS100CP00	FSM3693	Metal Max GS100 Fibre Optic Laryngoscope Blade - Cardiff Pro 00	55.0	8.0	Box of 10	£69.50
MMGS100CP0	FSM3692	Metal Max GS100 Fibre Optic Laryngoscope Blade - Cardiff Pro 0	71.0	9.0	Box of 10	£69.50
MMGS100CP1	FSM4123	Metal Max GS100 Fibre Optic Laryngoscope Blade - Cardiff Pro 1	77.0	10.0	Box of 10	£69.50
MMGS100LT3	FSM3755	Metal Max GS100 Fibre Optic Laryngoscope Blade - Lever Tip Mac 3	110.0	13.5	Box of 10	£420.00
MMGS100LT4	FSM3742	Metal Max GS100 Fibre Optic Laryngoscope Blade - Lever Tip Mac 4	135.0	14.0	Box of 10	£420.00
MMGS100LH3	FSM3979	Metal Max GS100 Fibre Optic Laryngoscope Blade - Left Handed MAC 3	110.0	13.5	Box of 10	£69.50
MMGS100LH4	FSM3812	Metal Max GS100 Fibre Optic Laryngoscope Blade - Left Handed MAC 4	135.0	14.0	Box of 10	£69.50
MMGS100MAG0	FSM3998	Metal Max GS100 Fibre Optic Laryngoscope Blade - Magill 0	76.0	10.0	Box of 10	£69.50
MMGS100MAG1	FSM4002	Metal Max GS100 Fibre Optic Laryngoscope Blade - Magill 1	84.0	12.0	Box of 10	£69.50
MMGS100POL3	FSM3757	Metal Max GS100 Fibre Optic Laryngoscope Blade - Polio Macintosh 3	112.0	12.5	Box of 10	£79.50
MMGS100POL4	FSM3980	Metal Max GS100 Fibre Optic Laryngoscope Blade - Polio Macintosh 4	138.0	13.5	Box of 10	£79.50
MMGS100PHI1	---	Metal Max GS100 Fibre Optic Laryngoscope Blade - Phillips 1	94.0	10.0	Box of 10	£59.50
MMGS100PHI2	---	Metal Max GS100 Fibre Optic Laryngoscope Blade - Phillips 2	145.0	12.0	Box of 10	£59.50
MMGS100RS0	FSM3984	Metal Max GS100 Fibre Optic Laryngoscope Blade - Robertshaw 0	72.0	9.0	Box of 10	£59.50
MMGS100RS1	FSM3985	Metal Max GS100 Fibre Optic Laryngoscope Blade - Robertshaw 1	90.5	9.5	Box of 10	£59.50
MMGS100SEW1	FSM3797	Metal Max GS100 Fibre Optic Laryngoscope Blade - Seward 1	84.0	9.0	Box of 10	£59.50
MMGS100SEW2	FSM3986	Metal Max GS100 Fibre Optic Laryngoscope Blade - Seward 2	108.0	12.5	Box of 10	£59.50
MMGS100WIE4	---	Metal Max GS100 Fibre Optic Laryngoscope Blade - Wiemers 4	128.0	15.0	Box of 10	£59.50
MMGS100WIS0	FSM4005	Metal Max GS100 Fibre Optic Laryngoscope Blade - Wisconsin 0	71.0	12.5	Box of 10	£59.50
MMGS100WIS1	FSM4007	Metal Max GS100 Fibre Optic Laryngoscope Blade - Wisconsin 1	89.0	12.5	Box of 10	£59.50
MMGS100WIS2	FSM3754	Metal Max GS100 Fibre Optic Laryngoscope Blade - Wisconsin 2	110.0	12.5	Box of 10	£59.50

Metal Max+ Disposable Laryngoscope Handles

Green System Fitting with Preloaded 6V Batteries

- Compatible with all ISO 7376 Fibre optic Green System blades
- Super bright LED output from the Pre-loaded 6V Battery Pack
- Quick and easy battery removal at end of life ensures ease of disposal
- Full Metal Handle with grooves offering a secure grip
- Colour coded end cap to identify as Green System
- Lighter than the equivalent handle with C Batteries
- Available in adult, paediatric and stubby sizes
- Supplied in colour coded sachets that allow for battery / LED test in bag



Easy remove
Easy to remove 6V battery system.



Part No.	NPC	Description	Length x Diameter (mm)	Qty	Price
MMGSHB01	FSM1768	Metal Max + Disposable Handle - Adult	140.0 x 29.0	Box of 10	£59.50
MMGSHB02	FSM1769	Metal Max + Disposable Handle - Paediatric	140.0 x 21.0	Box of 10	£59.50
MMGSHB03	FSM3416	Metal Max + Disposable Handle - Stubby	110.0 x 29.0	Box of 10	£59.50
MMGSH001	FSM1697	Metal Max + Disposable Handle - Adult (exc. batteries)	140.0 x 29.0	Box of 10	£49.50
MMGSH002	FSM2601	Metal Max + Disposable Handle - Paediatric (exc. batteries)	140.0 x 21.0	Box of 10	£49.50

HPC Plastic Disposable Blades

Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System handles
- Strong Polycarbonate material resists breaking, bending & twisting
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Shielded optics for light output focused where its required
- Supplied in easy to open, colour coded sachets
- Our most cost-effective choice



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
HPCMAC1	FSM1813	HPC Plastic Laryngoscope Blade - Macintosh 1	70.0	10.0	Box of 10	£12.00
HPCMAC2	FSM156	HPC Plastic Laryngoscope Blade - Macintosh 2	90.0	12.0	Box of 10	£12.00
HPCMAC3	FSM157	HPC Plastic Laryngoscope Blade - Macintosh 3	110.0	15.0	Box of 10	£12.00
HPCMAC4	FSM158	HPC Plastic Laryngoscope Blade - Macintosh 4	133.0	15.0	Box of 10	£12.00
HPCMIL00	FSM1815	HPC Plastic Laryngoscope Blade - Miller 00	43.0	11.5	Box of 10	£12.00
HPCMIL0	FSM3278	HPC Plastic Laryngoscope Blade - Miller 0	56.0	11.5	Box of 10	£12.00
HPCMIL1	FSM160	HPC Plastic Laryngoscope Blade - Miller 1	80.0	11.5	Box of 10	£12.00
HPCMIL2	FSM161	HPC Plastic Laryngoscope Blade - Miller 2	133.0	13.5	Box of 10	£12.00

Smoothline Reusable Laryngoscope Blades

Green System Fitting

- Compatible with all ISO 7376 Fibre Optic Green System handles
- Individually serial numbered to enable sterilisation traceability
- Fully Autoclavable up to 4000 cycles and Washer / Disinfector compatible
- Smooth, sleek design to allow easy and effective cleaning
- Premium shielded glass fibre optics for light output focused where its required
- Full Surgical Stainless steel construction providing ultimate durability
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- 5-year / 4000 autoclave cycle conditional warranty



Low Friction

Utilising an electro plate coating the LF Reusable Blades provide an easier intubation when in use

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
H9020	FSM3971	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 0	61.0	8.5	Single	£44.50
H9021	FSM3972	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 1	75.0	11.5	Single	£44.50
H9022	FSM2568	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 2	93.0	12.5	Single	£44.50
H9023	FSM2569	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 3	110.0	13.5	Single	£44.50
H9024	FSM2570	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 4	135.0	14.0	Single	£44.50
H9025	FSM2571	Smoothline Laryngoscope Blade - Satin Finish - Macintosh 5	156.0	14.0	Single	£44.50
H9029	FSM2572	Smoothline Laryngoscope Blade - Satin Finish - Miller 00	44.0	10.5	Single	£44.50
H9030	FSM2573	Smoothline Laryngoscope Blade - Satin Finish - Miller 0	55.0	10.5	Single	£44.50
H9031	FSM3973	Smoothline Laryngoscope Blade - Satin Finish - Miller 1	81.0	10.5	Single	£44.50
H9032	FSM3974	Smoothline Laryngoscope Blade - Satin Finish - Miller 2	131.0	13.0	Single	£44.50
H9033	FSM3975	Smoothline Laryngoscope Blade - Satin Finish - Miller 3	171.0	13.0	Single	£44.50
H9034	FSM3976	Smoothline Laryngoscope Blade - Satin Finish - Miller 4	182.0	17.0	Single	£44.50
SLGS10LT3	---	Smoothline Laryngoscope Blade - Satin Finish - Lever Tip MAC 3	55.0	8.0	Single	£149.00
SLGS10LT4	---	Smoothline Laryngoscope Blade - Satin Finish - Lever Tip MAC 4	71.0	9.0	Single	£149.00

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
SLGS30MAC0	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 0	61.0	8.5	Single	£59.50
SLGS30MAC1	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 1	75.0	11.5	Single	£59.50
SLGS30MAC2	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 2	93.0	12.5	Single	£59.50
SLGS30MAC3	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 3	110.0	13.5	Single	£59.50
SLGS30MAC4	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 4	135.0	14.0	Single	£59.50
SLGS30MAC5	---	Smoothline Laryngoscope Blade - Low Friction - Macintosh 5	156.0	14.0	Single	£59.50
SLGS30MIL00	---	Smoothline Laryngoscope Blade - Low Friction - Miller 00	44.0	10.5	Single	£59.50
SLGS30MIL0	---	Smoothline Laryngoscope Blade - Low Friction - Miller 0	55.0	10.5	Single	£59.50
SLGS30MIL1	---	Smoothline Laryngoscope Blade - Low Friction - Miller 1	81.0	10.5	Single	£59.50
SLGS30MIL2	---	Smoothline Laryngoscope Blade - Low Friction - Miller 2	131.0	13.0	Single	£59.50
SLGS30MIL3	---	Smoothline Laryngoscope Blade - Low Friction - Miller 3	171.0	13.0	Single	£164.50
SLGS30MIL4	---	Smoothline Laryngoscope Blade - Low Friction - Miller 4	182.0	17.0	Single	£164.50

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NEW!

Hydra II Reusable Handles Green System Fitting

- Compatible with all ISO 7376 Fibre optic Green System blades
- Waterproof and fully autoclavable up to 4000 cycles and Washer / Disinfectant compatible (after removal of LED Module and batteries)
- Individually serial numbered to enable sterilisation traceability
- QR Code for serial number scanning capability
- Surgical Stainless steel grip and head for maximum wear resistance
- Spiral finish for a secure grip and easy cleaning
- Available in Adult, Paediatric & Stubby sizes, standard and Non-contact variants
- Requires standard batteries; x2 C Cell for Adult and x2 AA for Paediatric / Stubby
- 5-year / 4000 autoclave cycle conditional warranty

Brand New Design

New LED Module gives 150% increase in light output



Simple disassembly for cleaning and sterilisation



Non Contact Handle Option

The blade stops at an angle of approx 45° to the handle to prevent direct transfer of material from the used disposable blade to the reusable handle thereby assisting infection control.

PLEASE NOTE: PROACT blades are tested for full compatibility with Hydra Non Contact Handles. Most other manufacturers blades may fit and operate correctly, but it is the users responsibility to ensure that this is the case.



Part No.	NPC	Description	Length x Diameter (mm)	Qty	Price
HYGSH201	FSM4443	Hydra 2 Reusable Handle - Adult	157.0 x 29.0	Single	£59.50
HYGSH202	FSM4444	Hydra 2 Reusable Handle - Paediatric	157.0 x 21.0	Single	£59.50
HYGSH203	FSM4445	Hydra 2 Reusable Handle - Stubby	127.0 x 33.0	Single	£59.50
HYGSH291	---	Hydra 2 Reusable Handle - Adult (NON CONTACT)	157.0 x 29.0	Single	£64.50
HYGSH292	---	Hydra 2 Reusable Handle - Paediatric (NON CONTACT)	157.0 x 21.0	Single	£64.50
HYGSH293	---	Hydra 2 Reusable Handle - Stubby (NON CONTACT)	127.0 x 33.0	Single	£64.50
HYSP201	---	Replacement LED Module for HYDRA II Green System Handles ONLY		Single	£29.50

Metal Max CV90 Disposable Laryngoscope Blades

90% Metal Construction with Conventional Fitting

- Compatible with all ISO 7376:2009 Compliant Conventional fitting handles
Laser welded Surgical Stainless steel runs through the hook, providing superior strength
- Super bright LED output with focused, homogenous light pattern
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Supplied in easy to open, colour coded sachets
- Cardiff Pro Blades are a straight blade similar to a Miller with a 5 degree downward angled blade (upward angled by 5 degrees when in use) and a flat atraumatic tip to enable easier tongue control
- Tested to exceed the ISO 7376:2009 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)



MMCV90MAC0



MMCV90MIL00



MMCV90CP1

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCV90MAC0	FSM3960	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 0	61.0	8.5	Box of 10	£39.50
MMCV90MAC1	FSM1706	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 1	75.0	11.5	Box of 10	£39.50
MMCV90MAC2	FSM098	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 2	93.0	12.5	Box of 10	£39.50
MMCV90MAC3	FSM099	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 3	110.0	13.5	Box of 10	£39.50
MMCV90MAC4	FSM100	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 4	135.0	14.0	Box of 10	£39.50
MMCV90MAC5	FSM3961	Metal Max CV90 Conventional Laryngoscope Blade - Macintosh 5	156.0	14.0	Box of 10	£39.50
MMCV90MIL00	FSM1265	Metal Max CV90 Conventional Laryngoscope Blade - Miller 00	44.0	10.5	Box of 10	£39.50
MMCV90MIL0	FSM144	Metal Max CV90 Conventional Laryngoscope Blade - Miller 0	55.0	10.5	Box of 10	£39.50
MMCV90MIL1	FSM101	Metal Max CV90 Conventional Laryngoscope Blade - Miller 1	81.0	10.5	Box of 10	£39.50
MMCV90MIL2	FSM102	Metal Max CV90 Conventional Laryngoscope Blade - Miller 2	131.0	13.0	Box of 10	£39.50
MMCV90MIL3	FSM3964	Metal Max CV90 Conventional Laryngoscope Blade - Miller 3	171.0	13.0	Box of 10	£39.50
MMCV90MIL4	---	Metal Max CV90 Conventional Laryngoscope Blade - Miller 4	182.0	17.0	Box of 10	£39.50
MMCV90CP00	FSM3968	Metal Max CV90 Conventional Laryngoscope Blade - Cardiff Pro 00	55.0	8.0	Box of 10	£45.00
MMCV90CP0	FSM3967	Metal Max CV90 Conventional Laryngoscope Blade - Cardiff Pro 0	71.0	9.0	Box of 10	£45.00
MMCV90CP1	FSM3969	Metal Max CV90 Conventional Laryngoscope Blade - Cardiff Pro 1	77.0	10.0	Box of 10	£45.00

PROACT Lever Tip Blades

- Optimised atraumatic pivot design with minimal spring pressure and fully softened edges prevent tissue pinching and enhances feel at the tip



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCV90LT2	FSM1770	Metal Max CV90 Conventional Laryngoscope Blade - Lever Tip 2	93.0	12.5	Box of 10	£273.00
MMCV90LT3	FSM1771	Metal Max CV90 Conventional Laryngoscope Blade - Lever Tip 3	110.0	13.5	Box of 10	£273.00
MMCV90LT4	FSM1772	Metal Max CV90 Conventional Laryngoscope Blade - Lever Tip 4	135.0	14.0	Box of 10	£273.00

Laryngoscopes - Conventional

Metal Max CV100 Disposable Speciality Laryngoscope Blades

100% Metal Disposable with Conventional Fitting

- Compatible with all ISO 7376:2009 Compliant Conventional fitting handle
- Full Surgical Stainless steel construction providing ultimate strength
- Super bright LED output with focused, homogenous light pattern
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Supplied in easy to open, colour coded sachets
- Tested to exceed the ISO 7376:2009 standard of withstanding 150N (15kg) of force on the tip. Our blades are tested up to 200N (20kg)



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCV100MAC0	FSM3725	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 0	61.0	8.5	Box of 10	£49.50
MMCV100MAC1	FSM3686	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 1	75.0	11.5	Box of 10	£49.50
MMCV100MAC2	FSM3677	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 2	93.0	12.5	Box of 10	£49.50
MMCV100MAC3	FSM3687	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 3	110.0	13.5	Box of 10	£49.50
MMCV100MAC4	FSM3688	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 4	135.0	14.0	Box of 10	£49.50
MMCV100MAC5	FSM4102	Metal Max CV100 Fibre Optic Laryngoscope Blade - Macintosh 5	156.0	14.0	Box of 10	£49.50
MMCV100MIL00	FSM3690	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 00	44.0	10.5	Box of 10	£49.50
MMCV100MIL0	FSM3689	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 0	55.0	10.5	Box of 10	£49.50
MMCV100MIL1	FSM3691	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 1	81.0	10.5	Box of 10	£49.50
MMCV100MIL2	FSM4105	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 2	131.0	13.0	Box of 10	£49.50
MMCV100MIL3	FSM4106	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 3	171.0	13.0	Box of 10	£49.50
MMCV100MIL4	FSM4107	Metal Max CV100 Fibre Optic Laryngoscope Blade - Miller 4	182.0	17.0	Box of 10	£49.50
MMCV100CP00	FSM3793	Metal Max CV100 Fibre Optic Laryngoscope Blade - Cardiff Pro 00	55.0	8.0	Box of 10	£69.50
MMCV100CP0	FSM3683	Metal Max CV100 Fibre Optic Laryngoscope Blade - Cardiff Pro 0	71.0	9.0	Box of 10	£69.50
MMCV100CP1	FSM3684	Metal Max CV100 Fibre Optic Laryngoscope Blade - Cardiff Pro 1	77.0	10.0	Box of 10	£69.50
MMCV100LT3	FSM4108	Metal Max CV100 Fibre Optic Laryngoscope Blade - Lever Tip Mac 3	110.0	13.5	Box of 10	£385.00
MMCV100LT4	FSM3685	Metal Max CV100 Fibre Optic Laryngoscope Blade - Lever Tip Mac 4	135.0	14.0	Box of 10	£385.00
MMGS100LH3	FSM3753	Metal Max CV100 Fibre Optic Laryngoscope Blade - Left Handed MAC 3	110.0	13.5	Box of 10	£69.50
MMGS100LH4	FSM3962	Metal Max CV100 Fibre Optic Laryngoscope Blade - Left Handed MAC 4	135.0	14.0	Box of 10	£69.50
MMGS100MAG0	FSM3911	Metal Max CV100 Fibre Optic Laryngoscope Blade - Magill 0	76.0	10.0	Box of 10	£69.50
MMGS100MAG1	FSM4023	Metal Max CV100 Fibre Optic Laryngoscope Blade - Magill 1	84.0	12.0	Box of 10	£69.50
MMGS100POL3	FSM3756	Metal Max CV100 Fibre Optic Laryngoscope Blade - Polio Macintosh 3	112.0	12.5	Box of 10	£79.50
MMGS100POL4	FSM3963	Metal Max CV100 Fibre Optic Laryngoscope Blade - Polio Macintosh 4	138.0	13.5	Box of 10	£79.50
MMGS100PHI1	---	Metal Max CV100 Fibre Optic Laryngoscope Blade - Phillips 1	94.0	10.0	Box of 10	£59.50
MMGS100PHI2	---	Metal Max CV100 Fibre Optic Laryngoscope Blade - Phillips 2	145.0	12.0	Box of 10	£59.50
MMGS100RS0	FSM3965	Metal Max CV100 Fibre Optic Laryngoscope Blade - Robertshaw 0	72.0	9.0	Box of 10	£59.50
MMGS100RS1	FSM3966	Metal Max CV100 Fibre Optic Laryngoscope Blade - Robertshaw 1	90.5	9.5	Box of 10	£59.50
MMGS100SEW1	FSM3794	Metal Max CV100 Fibre Optic Laryngoscope Blade - Seward 1	84.0	9.0	Box of 10	£59.50
MMGS100SEW2	FSM3912	Metal Max CV100 Fibre Optic Laryngoscope Blade - Seward 2	108.0	12.5	Box of 10	£59.50
MMGS100WIS0	FSM3913	Metal Max CV100 Fibre Optic Laryngoscope Blade - Wisconsin 0	71.0	12.5	Box of 10	£59.50
MMGS100WIS1	FSM3970	Metal Max CV100 Fibre Optic Laryngoscope Blade - Wisconsin 1	89.0	12.5	Box of 10	£59.50
MMGS100WIS2	FSM3818	Metal Max CV100 Fibre Optic Laryngoscope Blade - Wisconsin 2	110.0	12.5	Box of 10	£59.50

Metal Max+ Disposable Laryngoscope Handles

Conventional Fitting with Preloaded 6V Batteries

- Designed for use with PROACT Metal Max Conventional blades only
- Supplied with Preloaded 6V Battery Pack
- Fast and easy battery removal at end of life ensures ease of disposal
- Full Metal Handle with grooves for excellent grip
- Lighter than the equivalent handle with C Batteries
- Available in adult, paediatric and stubby sizes
- Colour coded end cap to identify as conventional system
- Supplied in easy to open, colour coded sachets



Easy remove
Easy to remove 6V battery system.



Part No.	NPC	Description	Length x Diameter (mm)	Qty	Price
MMCVHB01	FSM1293	Metal Max + Disposable Handle - Adult	140.0 x 29.0	Box of 10	£44.50
MMCVHB02	FSM1737	Metal Max + Disposable Handle - Paediatric	140.0 x 21.0	Box of 10	£44.50
MMCVHB03	FSM2600	Metal Max + Disposable Handle - Stubby	110.0 x 29.0	Box of 10	£44.50
MMCVH001	FSM164	Metal Max + Disposable Handle - Adult (exc. batteries)	140.0 x 29.0	Box of 10	£39.50
MMCVH002	FSM165	Metal Max + Disposable Handle - Paediatric (exc. batteries)	140.0 x 21.0	Box of 10	£39.50

Hydra Reusable Laryngoscope Handles

Conventional Fitting

- 4000 cycle / 5 year warranty (excluding LED bundle)
- Hydra Handles are waterproof and fully Autoclavable
- Washer Disinfector compatible
- Made from Surgical Stainless Steel AISI Type 304
- Comfort Spiral finish for secure grip and ease of cleaning
- Adult Handle requires 2 x C cell batteries
- Paediatric and Stubby Handles requires 2 x AA cell batteries
- Available as Standard Handle or Non Contact Handle
- Handles are individually Serial Numbered to enable Sterilisation traceability



Part No.	NPC	Description	Length x Diameter (mm)	Qty	Price
HYCVH001	FSM070	Hydra Reusable Handle - Adult	157.0 x 29.0	Single	£24.95
HYCVH002	FSM3681	Hydra Reusable Handle - Paediatric	157.0 x 21.0	Single	£24.95
HYCVH003	FSM2596	Hydra Reusable Handle - Stubby	127.0 x 33.0	Single	£24.95
HYCVHNC1	FDD4520	Hydra Reusable Handle - Adult (NON CONTACT)	157.0 x 29.0	Single	£29.95
HYCVHNC2	FDD4521	Hydra Reusable Handle - Paediatric (NON CONTACT)	157.0 x 21.0	Single	£29.95
HYCVHNC3	FDD4522	Hydra Reusable Handle - Stubby (NON CONTACT)	127.0 x 33.0	Single	£29.95

Combi™ Laryngoscopes

What is the COMBI™ System? - Ready for use in seconds

The Combi is a one piece system with Blade and Handle fixed together allowing Test in the Bag functionality testing prior to use. It is based on a Conventional system with meLED™ (metal enclosed) LED on the blade powered by a preloaded 6V battery handle giving excellent light output when and where it is required.

Test in Bag Packaging

Our innovative and user friendly packaging allows no touch, full activation testing of the laryngoscope in the bag. This critically not only checks the intensity of the light output but also the electro-mechanical function of the light switching.

Easy to identify colour coding and large sizing information ensure you spend less time looking for the device you need when you need it.



Metal Max COMBI Disposable Laryngoscope Blade & Handle

One Piece System with Preloaded 6V Battery

- Pre-Fitted, permanently attached blade and handle set with pre-loaded 6V batteries
- Colour coded sachets with full functional 'test in bag' capability for peace of mind
- Ready for use in seconds
- Laser welded Surgical Stainless steel runs through the hinge, providing superior strength
- Atraumatic tip and fully formed blade profile with no sharp edges
- 6V power source and LED provide super bright illumination
- Full length ET Tube Guide surface
- Available over 20 Blades and handle sizes and variants
- Batteries are easily removable after use



Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCB90MAC0	FSM4026	Metal Max COMBI Laryngoscope Blade - Macintosh 0 - Paediatric Handle	61.0	8.5	Box of 10	£79.50
MMCB90MAC1	FSM3560	Metal Max COMBI Laryngoscope Blade - Macintosh 1 - Paediatric Handle	75.0	11.5	Box of 10	£79.50
MMCB90MAC2	FSM1267	Metal Max COMBI Laryngoscope Blade - Macintosh 2 - Paediatric Handle	93.0	12.5	Box of 10	£79.50
MMCB90MAC2A	---	Metal Max COMBI Laryngoscope Blade - Macintosh 2 - Adult Handle	93.0	12.5	Box of 10	£79.50
MMCB90MAC2S	---	Metal Max COMBI Laryngoscope Blade - Macintosh 2 - Stubby Handle	93.0	12.5	Box of 10	£79.50
MMCB90MAC3	FSM1268	Metal Max COMBI Laryngoscope Blade - Macintosh 3 - Adult Handle	110.0	13.5	Box of 10	£79.50
MMCB90MAC3	---	Metal Max COMBI Laryngoscope Blade - MAC 3 - Adult Handle - Reduced Flange	110.0	13.5	Box of 10	£79.50
MMCB90MAC3S	FSM3914	Metal Max COMBI Laryngoscope Blade - Macintosh 3 - Stubby Handle	110.0	13.5	Box of 10	£79.50
MMCB90MAC3S	---	Metal Max COMBI Laryngoscope Blade - Macintosh 3.5 - Adult Handle	122.0	13.5	Box of 10	£79.50
MMCB90MAC4	---	Metal Max COMBI Laryngoscope Blade - Macintosh 4 - Adult Handle	135.0	14.0	Box of 10	£79.50
MMCB90MAC4	---	Metal Max COMBI Laryngoscope Blade - MAC 4 - Adult Handle - Reduced Flange	135.0	14.0	Box of 10	£79.50
MMCB90MAC4S	FSM3915	Metal Max COMBI Laryngoscope Blade - Macintosh 4 - Stubby Handle	135.0	14.0	Box of 10	£79.50
MMCB90MAC5	---	Metal Max COMBI Laryngoscope Blade - Macintosh 5 - Adult Handle	156.0	14.0	Box of 10	£79.50

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCB90MIL00	FSM3682	Metal Max COMBI Laryngoscope Blade - Miller 00 - Paediatric Handle	44.0	10.5	Box of 10	£79.50
MMCB90MIL0	FSM1270	Metal Max COMBI Laryngoscope Blade - Miller 0 - Paediatric Handle	55.0	10.5	Box of 10	£79.50
MMCB90MIL1	FSM1271	Metal Max COMBI Laryngoscope Blade - Miller 1 - Paediatric Handle	81.0	10.5	Box of 10	£79.50
MMCB90MIL15	---	Metal Max COMBI Laryngoscope Blade - Miller 1.5 - Paediatric Handle	100	10.5	Box of 10	£79.50
MMCB90MIL2	FSM4027	Metal Max COMBI Laryngoscope Blade - Miller 2 - Paediatric Handle	131.0	13.0	Box of 10	£79.50
MMCB90MIL2A	---	Metal Max COMBI Laryngoscope Blade - Miller 2 - Adult Handle	131.0	13.0	Box of 10	£79.50
MMCB90MIL3	FSM4092	Metal Max COMBI Laryngoscope Blade - Miller 3 - Adult Handle	171.0	13.0	Box of 10	£79.50
MMCB90MIL4	---	Metal Max COMBI Laryngoscope Blade - Miller 4 - Adult Handle	182.0	17.0	Box of 10	£79.50
MMCB90CP00	FSM3562	Metal Max COMBI Laryngoscope Blade - Cardiff Pro 00 - Paediatric Handle	55.0	8.0	Box of 10	£89.50
MMCB90CP0	FSM3561	Metal Max COMBI Laryngoscope Blade - Cardiff Pro 0 - Paediatric Handle	71.0	9.0	Box of 10	£89.50
MMCB90CP1	FSM3563	Metal Max COMBI Laryngoscope Blade - Cardiff Pro 1 - Paediatric Handle	77.0	10.0	Box of 10	£89.50

PROACT Lever Tip Blades

- Optimised atraumatic pivot design with minimal spring pressure and fully softened edges prevent tissue pinching and enhances feel at the tip

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MMCB90LT2	---	Metal Max COMBI Laryngoscope Blade - Lever Tip 2 - Adult Handle	93.0	12.5	Box of 10	£312.50
MMCB90LT3	FSM1796	Metal Max COMBI Laryngoscope Blade - Lever Tip 3 - Adult Handle	110.0	13.5	Box of 10	£312.50
MMCB90LT4	FSM1797	Metal Max COMBI Laryngoscope Blade - Lever Tip 4 - Adult Handle	135.9	14.0	Box of 10	£312.50



NEW!

PROACT MRI Blades

MR Conditional, designed for use in an MRI environment

- ISO 7376:2009 Compatible, to be used with PROACT MR conditional handles only
- Tested to ASTM Standards as suitable for use (MR Conditional) in MRI environments
- Strong Polycarbonate material resists breaking, bending & twisting
- Atraumatic tip and fully formed blade profile with no sharp edges
- Full length ET Tube Guide surface
- Shielded optics for light \ output focused where its required
- Supplied in easy to open, clearly identified MR sachets and dispenser box



Single Use

Part No.	NPC	Description	Length (mm)	Width (mm)	Qty	Price
MRHPCMAC1	---	PROACT MR Blade - Macintosh 1	70.0	10.0	Box of 10	£49.50
MRHPCMAC2	---	PROACT MR Blade - Macintosh 2	90.0	12.0	Box of 10	£49.50
MRHPCMAC3	---	PROACT MR Blade - Macintosh 3	110.0	15.0	Box of 10	£49.50
MRHPCMAC4	---	PROACT MR Blade - Macintosh 4	133.0	15.0	Box of 10	£49.50
MRHPCMIL00	---	PROACT MR Blade - Miller 00	43.0	11.5	Box of 10	£49.50
MRHPCMIL0	---	PROACT MR Blade - Miller 0	56.0	11.5	Box of 10	£49.50
MRHPCMIL1	---	PROACT MR Blade - Miller 1	80.0	11.5	Box of 10	£49.50
MRHPCMIL2	---	PROACT MR Blade - Miller 2	131.0	13.0	Box of 10	£49.50
MRHPCMIL3	---	PROACT MR Blade - MIL 3	133.0	13.0	Box of 10	£49.50

These blades are only for use with PROACT MR conditional Laryngoscope Handles and have been independently type tested to the required ASTM laboratory standards* by a UK Physics Laboratory and are deemed by the manufacturer as safe to use in an MRI environment under the following conditions:

- Magnetic field of up to and including 3 Tesla
- Spatial gradient field of up to and including 2250 Gauss/cm
- Maximum whole body averaged specific absorption rate (SAR) of 2.68 W/kg for 15 minutes of scanning

*ASTM F2052 - 15 - Magnetically induced displacement force
 ASTM F2219 - 07 - Evaluation of MR image artifacts
 ASTM F2182 - 11A Radio Frequency Induced Heating
 ASTM F2213 - 17 - Magnetically Induced Torque



Clearly Marked
 Easy to identify MRI Packaging





MR Conditional Laryngoscopes

The PROACT MR conditional Laryngoscope Handles are specially designed for use in the MRI environment. Only for use with PROACT MR conditional fibre optic blades, these handles are powered by a special MR conditional, five times reusable lithium battery pack. Each battery pack provides greater than 100 mins of illumination and there are 2 included in each box of 10 handles. The user should re-use each battery five times before discarding it and moving to the second battery supplied. The second battery also acts as a safety backup, in the very unlikely event of a battery failure.

PROACT MRI Handles

MR Conditional, designed for use in an MRI environment

NEW!

- Supplied with 2 x reusable 3.7V batteries, each providing 100 minutes of illumination
- ISO 7376:2009 Compatible, to be used with PROACT MRHPC blades only
- Tested to ASTM standards as suitable (MR Conditional) for use in MRI environments
- No touch removal and insertion of batteries reduces the risk of cross-contamination
- Non-magnetic, full metal handle construction with grooves offering strength and secure grip
- Affordable, Cost effective, simple and disposable solution.
- Supplied in easy to open, clearly identified MR sachets and dispenser box



Single Use

Part No.	NPC	Description	Length x Diameter (mm)	Qty	Price
MRGSHB01	---	PROACT MR Handle - Adult - Includes x2 MR Batteries	140.0 x 29.0	Box of 10	£125.00
MRBATT01	---	PROACT MR Battery - Spare Battery ONLY	---	Single	£30.00

PROACT MR Conditional Laryngoscope Blades & Handles have been independently type tested to ASTM laboratory standards* by a UK Physics Laboratory and are deemed by the manufacturer as safe to use in an MRI environment under the following conditions:

- Magnetic field of up to and including 3 Tesla
- Spatial gradient field of up to and including 2250 Gauss/cm
- Maximum whole body averaged specific absorption rate (SAR) of 2.68 W/kg for 15 minutes of scanning

*ASTM F2052 - 15 - Magnetically induced displacement force
ASTM F2219 - 07 - Evaluation of MR image artifacts
ASTM F2182 - 11A Radio Frequency Induced Heating
ASTM F2213 - 17 - Magnetically Induced Torque

Independent Laboratory based Non-clinical testing of the worst case positioning & application in relation to the MR Magnetic Field have demonstrated that MRGSHB01 and MRHPCXXX are MR conditional, and the PROACT Medical Ltd therefore deem that these products can be MR scanned safely under the following MRI conditions:
Static magnetic field of up to and including 3 Tesla
Spatial gradient field of up to and including 2250 Gauss/cm
Maximum whole body averaged specific absorption rate (SAR) of 2.68 W/kg for 15 minutes of scanning.

Laryngoscopes - Heine Green System

Heine Classic+ Fibre Optic Laryngoscope Blade

Reusable Autoclavable with Green System Fitting

- Heine HiLite Fibre Bundle with up to 6,500 individual fibre optic strands
- Integrated Fibre Optics for the best possible illumination, guarantees precise light direction without divergence loss
- High-quality stainless steel construction - high strength, temperature resistance, and corrosion resistance. Built to last
- With Classic+ there are no connecting screws to get lost, no external light pathways to get wrong, no tricky openings or crevices to get dirty. A major contribution to eliminating cross infection
- Smooth shape avoids sharp edges and cavities for easy cleaning and sterilisation
- The fibre-optic bundle is protected at both ends offering a lifetime of bright light transmission
- Compatible with all ISO 7376 handles (green system)
- Guaranteed to withstand 4,000 standard autoclave cycles (of 134°C / 4 min) with more than 1,000 lux
- 5-year guarantee



Part No.	NPC	Description	Qty	Price
F-000.22.100	FSM1776	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 0	Single	£135.00
F-000.22.101	FSM1777	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 1	Single	£135.00
F-000.22.102	FSM1778	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 2	Single	£135.00
F-000.22.103	FSM1779	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 3	Single	£135.00
F-000.22.143	---	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 3m (stronger curve)	Single	£135.00
F-000.22.104	FSM1780	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 4	Single	£145.00
F-000.22.105	FSM1781	HEINE Classic+ Fibre Optic, Autoclavable - Macintosh 5	Single	£159.00
F-000.22.119	FSM1782	HEINE Classic+ Fibre Optic, Autoclavable - Miller 00	Single	£153.00
F-000.22.120	FSM1783	HEINE Classic+ Fibre Optic, Autoclavable - Miller 0	Single	£135.00
F-000.22.121	FSM1784	HEINE Classic+ Fibre Optic, Autoclavable - Miller 1	Single	£139.00
F-000.22.122	FSM1785	HEINE Classic+ Fibre Optic, Autoclavable - Miller 2	Single	£145.00
F-000.22.123	---	HEINE Classic+ Fibre Optic, Autoclavable - Miller 3	Single	£150.00
F-000.22.124	---	HEINE Classic+ Fibre Optic, Autoclavable - Miller 4	Single	£160.00
F-000.22.131	---	HEINE Classic+ Fibre Optic, Autoclavable - Wis 1	Single	£142.00
F-000.22.132	---	HEINE Classic+ Fibre Optic, Autoclavable - Wis 2	Single	£142.00
F-000.22.110	---	HEINE Classic+ Fibre Optic, Autoclavable - Paed 0	Single	£142.00
F-000.22.111	---	HEINE Classic+ Fibre Optic, Autoclavable - Paed 1	Single	£142.00
F-000.22.316	---	HEINE Classic+ Fibre Optic, Autoclavable Mac 3 & Mac 4 FlexTip+ (Lever Tip / McCoy) in Case	Single	£795.00

Heine Fibre Optic Laryngoscope Box Sets

Reusable Autoclavable with Green System Fitting

Part No.	NPC	Description	Qty	Price
F-120.18.860	FSM1775	HEINE Classic+ Fibre Optic Laryngoscope Box Set Includes Standard 2.5V LED Handle (Adult), & Autoclavable Blades (Paed 1, Mac 2, Mac 3, Mac 4)	Single	£795.00
F-230.18.860	---	HEINE FlexTip+ (Lever Tip / McCoy) Fibre Optic Laryngoscope Box Set Includes Standard 2.5V LED Handle (Adult), & Autoclavable Mac 3 & Mac 4 FlexTip+ Blades	Single	£995.00

Heine LED HQ Fibre Optic Laryngoscope Handle Reusable

- HEINE's LED HQ Fibre Optic Handles are available in Adult, Paediatric and Stubby
- Non-slip wave design also makes it easier to wipe down with disinfectant
- Maximum Brightness – 3x brighter than conventional halogen light
- Fade out feature – brightness reduces slowly as battery operating time diminishes, for even more battery use
- Compatible with all laryngoscope blades according to ISO 7376
- 5-year guarantee

Easy Clean Model - ONLY

100% Waterproof LED handle without the need to dismantle, suitable for all sterilisation options (neither the batteries nor the LED light unit need to be removed)



Part No.	NPC	Description	Qty	Price
F-008.22.820	FDB1218	HEINE LED HQ Fibre Optic Laryngoscope Handle - Easy Clean - Adult	Single	£190.00
F-008.22.860	---	HEINE LED HQ Fibre Optic Laryngoscope Handle - Standard 2.5V - Adult	Single	£195.00
F-008.22.800	---	HEINE LED HQ Fibre Optic Laryngoscope Handle - Standard 2.5V - Paediatric	Single	£195.00
F-008.22.812	---	HEINE LED HQ Fibre Optic Laryngoscope Handle - Standard 2.5V - Stubby	Single	£195.00

Heine LED HQ 4NT Fibre Optic Laryngoscope Handle Rechargeable Reusable

- HEINE Standard FO 4NT Handles can be converted from battery to rechargeable by simply exchanging the bottom insert. Please contact for details.
- Fade out feature – brightness reduces slowly as battery operating time diminishes, for even more battery use
- High performance LED's are 3x bright than conventional halogen bulbs.
- LED bulbs essentially have an unlimited working life, meaning there is no need to ever replace bulbs.
- Up to 13 hours ON time. Optional NT4 desk charger guarantees a quick recharge in 2 hours (rechargeable handles ONLY)
- 5-year guarantee



Part No.	NPC	Description	Qty	Price
F-008.22.894	---	HEINE LED HQ Fibre Optic 4NT Laryngoscope Handle - Rechargeable 3.5 Li-Ion - Adult	Single	£275.00
F-008.22.804	---	HEINE LED HQ Fibre Optic 4NT Laryngoscope Handle - Rechargeable 3.5 Li-Ion - Paed	Single	£275.00
F-008.22.424	---	HEINE LED HQ Fibre Optic 4NT Laryngoscope Handle - Rechargeable 3.5 Li-Ion - Stubby	Single	£275.00
F-007.22.894	---	HEINE LED Fibre Optic 4NT Laryngoscope Handle - Rechargeable XHL 3.5 Li-Ion - Adult	Single	£200.00
F-007.22.804	---	HEINE LED Fibre Optic 4NT Laryngoscope Handle - Rechargeable XHL 3.5 Li-Ion - Paed	Single	£205.00
F-007.22.424	---	HEINE LED Fibre Optic 4NT Laryngoscope Handle - Rechargeable XHL 3.5 Li-Ion - Stubby	Single	£205.00
F-002.99.494	---	HEINE NT4 Table Charger - with Adapters for Adult / Stubby Handles (Handles not included)	Single	£215.00
F-002.22.884	---	HEINE Bottom Insert - Adult (Adapts previous BETA L Handles for use with newer NT4 charger)	Single	£47.50
X-000.99.086	---	Adapters for HEINE NT4 Table Charger - for Paediatric Handles	2	£9.00

PRO-Breathe Laryngeal Airway Disposable Silicone

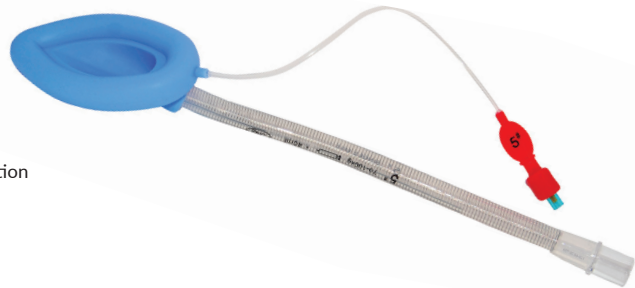
- Premium quality, silicone construction for optimum feel and superb seal
- Smooth integrated design reduces risk of patient trauma
- Clearly marked inflation volume and depth guidelines for fast and safe insertion
- Built in anatomically correct curve for easy insertion
- Transparent, universal 15mm connectors for easy airway observation*
- Colour coded pilot balloons, clearly marked with size, make selection easy and provide tactile indication of inflation
- Supplied sterile in individual easy to open sachets
- Phthalate free



Part No.	NPC	Description	Colour	Qty	Price
SD-LA6310	FDD1091	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 1	Purple	10	£44.50
SD-LA6315	FDD1092	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 1.5	Orange	10	£44.50
SD-LA6320	FDD1093	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 2	Blue	10	£44.50
SD-LA6325	FDD1094	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 2.5	Green	10	£44.50
SD-LA6330	FDD1095	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 3	Yellow	10	£44.50
SD-LA6340	FDD1096	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 4	Red	10	£44.50
SD-LA6350	FDD1097	PRO-Breathe Silicone Disposable Laryngeal Airway - Size 5	Blue	10	£44.50

PRO-Breathe Laryngeal Airway Disposable Armourflex™ Silicone

- Premium quality, high end silicone construction with optimum feel and a superb seal
- Armourflex design prevents airway occlusion due to twists in the tube during head and neck surgeries
- Smooth integrated design reduces the risk of patient trauma
- Clearly marked inflation volume and depth guidelines for safe, fast and easy insertion
- Transparent, universal 15mm connectors allow for easy observation*
- Colour coded pilot balloons, clearly marked with size, make selection easy and provide tactile indication of inflation
- Supplied sterile in individual easy to open sachets
- Phthalate free



Part No.	NPC	Description	Colour	Qty	Price
SAD-LA6310	FDD2577	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 1	Purple	10	£119.50
SAD-LA6315	FDD2578	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 1.5	Orange	10	£119.50
SAD-LA6320	FDD2580	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 2	Blue	10	£119.50
SAD-LA6325	FDD2581	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 2.5	Green	10	£119.50
SAD-LA6330	FDD2583	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 3	Yellow	10	£119.50
SAD-LA6340	FDD2585	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 4	Red	10	£119.50
SAD-LA6350	FDD2586	PRO-Breathe Silicone Armourflex Disposable Laryngeal Airway - Size 5	Blue	10	£119.50

* ISO 5356-1:2015 compliant and transparent as recommended by EGBAT report

PRO-Breathe Laryngeal Airway Disposable PVC

pro-breathe™

- Soft 'silicone like' medical grade PVC construction offers pleasing feel at an economical price
- Smooth integrated design reduces risk of patient trauma
- Clearly marked inflation volume and depth guide lines for safe, fast and easy insertion
- Transparent, universal 15mm connectors allow easy observation*
- Colour coded pilot balloons, clearly marked with size, make selection easy and provide tactile indication of inflation
- Supplied sterile in easy to open sachets



Single Use

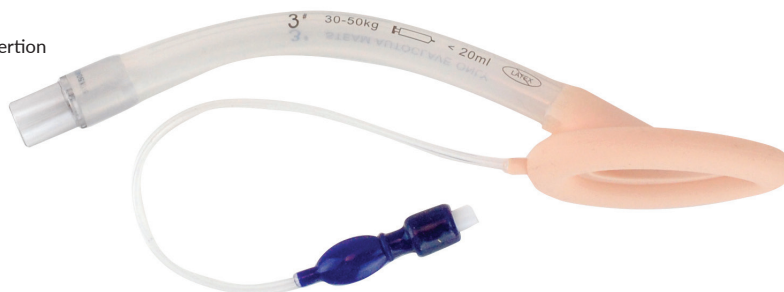
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Part No.	NPC	Description	Colour	Qty	Price
PD-LA6330	FDD1088	PRO-Breathe PVC Disposable Laryngeal Airway - Size 3	Green	10	£29.50
PD-LA6340	FDD1089	PRO-Breathe PVC Disposable Laryngeal Airway - Size 4	Yellow	10	£29.50
PD-LA6350	FDD1090	PRO-Breathe PVC Disposable Laryngeal Airway - Size 5	Red	10	£29.50

PRO-Breathe Laryngeal Airway Reusable Silicone / Armourflex™ Silicone

pro-breathe™

- Premium quality, high end silicone construction with optimum feel
- Smooth integrated design offering a superb seal with less risk of patient trauma
- Clearly marked inflation volume and guidelines for fast and easy insertion
- Transparent connectors allowing for easy observation*
- High quality valve ensures continual cuff integrity over repeated uses
- Autoclavable up to 40 times with a record card
- Phthalate free



Latex Free

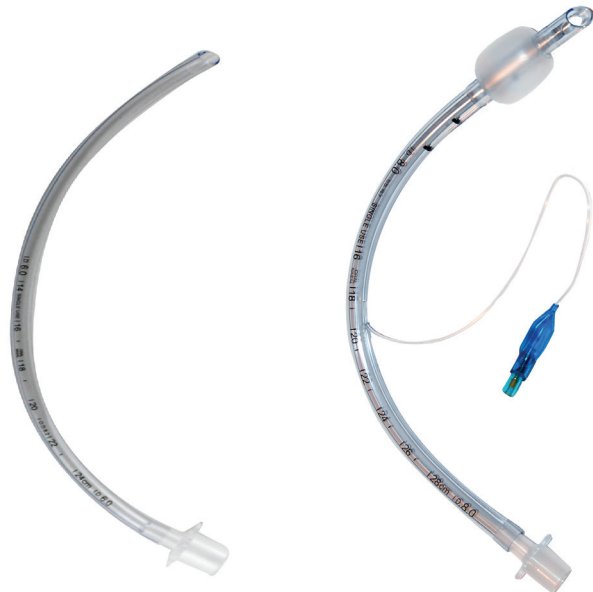
Part No.	NPC	Description	Qty	Price
SR-LA6315	FDD1078	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 1.5	Single	£49.95
SR-LA6320	FSM4068	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 2	Single	£49.95
SR-LA6325	FSM4069	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 2.5	Single	£49.95
SR-LA6330	FDD1081	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 3	Single	£49.95
SR-LA6340	FDD1082	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 4	Single	£49.95
SR-LA6350	FDD1083	PRO-Breathe Autoclavable Silicone Reusable Laryngeal Airway - Size 5	Single	£49.95
Part No.	NPC	Description	Qty	Price
SAR-LA6320	FDD1100	PRO-Breathe Autoclavable Armourflex Silicone Reusable Laryngeal Airway - Size 2	Single	£84.95
SAR-LA6325	FSM4079	PRO-Breathe Autoclavable Armourflex Silicone Reusable Laryngeal Airway - Size 2.5	Single	£84.95
SAR-LA6330	FDD1102	PRO-Breathe Autoclavable Armourflex Silicone Reusable Laryngeal Airway - Size 3	Single	£84.95
SAR-LA6340	FDD1103	PRO-Breathe Autoclavable Armourflex Silicone Reusable Laryngeal Airway - Size 4	Single	£84.95
SAR-LA6350	FSM4083	PRO-Breathe Autoclavable Armourflex Silicone Reusable Laryngeal Airway - Size 5	Single	£84.95

PRO-Breathe ET Tube

Single Use Oral / Nasal

- High volume, low pressure cuff (8 microns thickness) for an effective low-pressure seal (uncuffed option also available)
- Smooth integrated design minimises risk of patient trauma
- Constructed from a soft and flexible thermosensitive medical grade PVC
- Atraumatic rounded tip with Murphy Eye to reduce risk of occlusion
- Radio opaque side-line to aid positioning and location
- Clearly marked insertion guidelines with 2cm vocal cord markings on cuffed devices
- Pilot balloon clearly marked with size and reliable valve on cuffed variant
- Transparent, universal 15mm connector (ISO 5356-1:2015 compliant)
- Supplied sterile in individual easy-open sachets

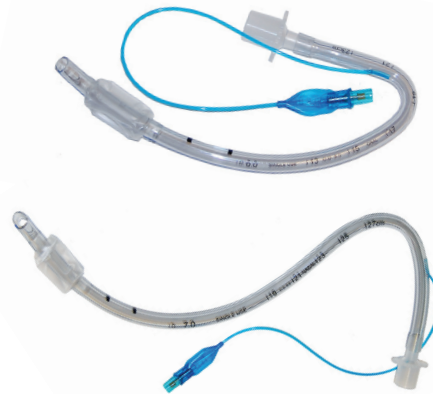
pro-breathe™



Part No.	NPC	Description	Qty	Price
PB-21099	FDF1444	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 3.0mm	10	£9.20
PB-21100	FDF1400	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 3.5mm	10	£9.20
PB-21101	FDF1063	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 4.0mm	10	£9.20
PB-21102	FDF1064	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 4.5mm	10	£9.20
PB-21103	FDF1065	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 5.0mm	10	£9.20
PB-21104	FDF1066	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 5.5mm	10	£9.20
PB-21105	FDF1067	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 6.0mm	10	£9.20
PB-21106	FDF1068	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 6.5mm	10	£9.20
PB-21107	FDF1069	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 7.0mm	10	£9.20
PB-21108	FDF1070	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 7.5mm	10	£9.20
PB-21109	FDF1071	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 8.0mm	10	£9.20
PB-21110	FDF1072	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 8.5mm	10	£9.20
PB-21111	FDF1073	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 9.0mm	10	£9.20
PB-21112	FDF1074	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 9.5mm	10	£9.20
PB-21113	FDF1075	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Cuffed - 10.0mm	10	£9.20
Part No.	NPC	Description	Qty	Price
PB-21114	FDF1047	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 2.0mm	10	£6.90
PB-21115	FDF1048	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 2.5mm	10	£6.90
PB-21116	FDF1049	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 3.0mm	10	£6.90
PB-21117	FDF1050	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 3.5mm	10	£6.90
PB-21118	FDF1051	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 4.0mm	10	£6.90
PB-21119	FDF1052	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 4.5mm	10	£6.90
PB-21120	FDF1053	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 5.0mm	10	£6.90
PB-21121	FDF1054	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 5.5mm	10	£6.90
PB-21122	FDF1055	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 6.0mm	10	£6.90
PB-21123	FDF1056	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 6.5mm	10	£6.90
PB-21124	FSM3955	PRO-Breathe Endotracheal Tubes, Oral / Nasal - Uncuffed - 7.0mm	10	£6.90

PRO-Breathe ET Tube**Single Use Pre-Formed Oral (South)**

- Preformed design removes circuits from the surgical field and reduces risk of disconnects
- High volume, low pressure cuff or uncuffed option available (oral only)
- Cuffed variants feature clear vocal cord markings and pilot balloons clearly marked with size
- Constructed from a soft and flexible thermosensitive medical grade PVC
- Atraumatic rounded tip with Murphy eye
- Radio opaque side-line to aid positioning and location.
- Transparent, universal 15mm connector*
- Supplied sterile in individual easy-open sachets



pro-breathe™

Oral (South)

Nasal (North)

Part No.	NPC	Description	Qty	Price
PB-21199-PF	FSM4067	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 3.0mm	10	£11.50
PB-21200-PF	FDF1445	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 3.5mm	10	£11.50
PB-21201-PF	FDF1082	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 4.0mm	10	£11.50
PB-21202-PF	FDF1083	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 4.5mm	10	£11.50
PB-21203-PF	FDF1084	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 5.0mm	10	£11.50
PB-21204-PF	FDF1085	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 5.5mm	10	£11.50
PB-21205-PF	FDF1086	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 6.0mm	10	£11.50
PB-21206-PF	FDF1087	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 6.5mm	10	£11.50
PB-21207-PF	FDF1088	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 7.0mm	10	£11.50
PB-21208-PF	FDF1089	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 7.5mm	10	£11.50
PB-21209-PF	FDF1090	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 8.0mm	10	£11.50
PB-21210-PF	FDF1091	PRO-Breathe Endotracheal Tubes, Preformed Oral - Cuffed - 8.5mm	10	£11.50
PB-212030U	FDF1447	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 3.0mm	10	£10.35
PB-212035U	FDF1393	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 3.5mm	10	£10.35
PB-212040U	FDF1394	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 4.0mm	10	£10.35
PB-212045U	FDF1395	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 4.5mm	10	£10.35
PB-212050U	FDF1396	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 5.0mm	10	£10.35
PB-212055U	FDF1397	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 5.5mm	10	£10.35
PB-212060U	FDF1398	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 6.0mm	10	£10.35
PB-212065U	FDF1399	PRO-Breathe Endotracheal Tubes, Preformed Oral - Uncuffed - 6.5mm	10	£10.35

PRO-Breathe ET Tube**Single Use Pre-Formed Nasal (North)**

pro-breathe™

Part No.	NPC	Description	Qty	Price
PB-21328-NPF	FDF1093	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 4.0mm	10	£11.50
PB-21327-NPF	FDF1094	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 4.5mm	10	£11.50
PB-21326-NPF	FDF1095	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 5.0mm	10	£11.50
PB-21325-NPF	FDF1096	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 5.5mm	10	£11.50
PB-21301-NPF	FDF2267	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 6.0mm	10	£11.50
PB-21302-NPF	FDF1098	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 6.5mm	10	£11.50
PB-21303-NPF	FDF1099	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 7.0mm	10	£11.50
PB-21304-NPF	FDF2268	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 7.5mm	10	£11.50
PB-21305-NPF	FDF1101	PRO-Breathe Endotracheal Tubes, Preformed Nasal - Cuffed - 8.0mm	10	£11.50

* ISO 5356-1:2015 compliant and transparent as recommended by EGBAT report

PRO-Breathe Armourflex™ ET Tube Single Use with Stylet

- Thermosensitive medical grade PVC construction with ArmourFlex reinforcement to minimise risk of kinking during head and neck surgeries
- High volume, low pressure cuff gives an effective low-pressure seal
- Atraumatic rounded tip with Murphy Eye to reduce risk of occlusion
- Radio opaque side-line to aid tube positioning and location
- Clearly marked insertion guidelines with 2cm vocal cord markings
- Reliable valve and pilot balloon clearly marked with size
- Transparent, universal 15mm connector (ISO 5356-1:2015 compliant)
- Supplied with pre-loaded stylets (as below) in easy to open sterile sachets

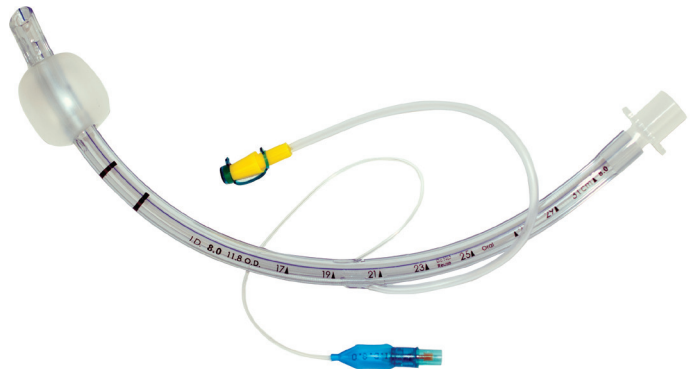


pro-breathe™

Part No.	NPC	Description	Qty	Price
PBET41230	FSM3921	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 6Fr Stylet - 3.0mm	5	£32.95
PBET41235	FSM3922	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 6Fr Stylet - 3.5mm	5	£32.95
PBET41240	FSM3923	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 10Fr Stylet - 4.0mm	5	£32.95
PBET41245	FSM3920	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 10Fr Stylet - 4.5mm	5	£32.95
PBET41250	FSM3950	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 10Fr Stylet - 5.0mm	5	£32.95
PBET41255	---	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 10Fr Stylet - 5.5mm	5	£32.95
PBET41260	FDG1635	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 6.0mm	5	£32.95
PBET41265	FDG3917	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 6.5mm	5	£32.95
PBET41270	FDG3918	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 7.0mm	5	£32.95
PBET41275	FDG3919	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 7.5mm	5	£32.95
PBET41280	FDG3924	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 8.0mm	5	£32.95
PBET41285	---	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 8.5mm	5	£32.95
PBET41290	---	PRO-Breathe Armourflex Endotracheal Tubes - Cuffed - with 14Fr Stylet - 9.0mm	5	£32.95

PRO-Breathe SuctionPlus ET Tube Single Use Oral with Suction

- Integrated evacuation lumen allows SSD to reduce risk of aspiration and help protect against Ventilation Associated Pneumonia (VAP)
- High volume, low pressure cuff gives an effective low pressure seal
- Constructed from a soft and flexible thermosensitive medical grade PVC
- Atraumatic rounded tip with murphy eye
- Radio opaque sideline to aid tube positioning and location
- Clearly marked insertion guidelines with 2cm vocal cord markings
- Reliable valve and pilot balloon clearly marked with size
- Transparent, universal 15mm connector*
- Supplied sterile in individual easy to open sachets



pro-breathe™

Part No.	NPC	Description	Qty	Price
PB-217060	FDF1405	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 6.0mm	10	£27.50
PB-217065	FDF1406	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 6.5mm	10	£27.50
PB-217070	FDF1407	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 7.0mm	10	£27.50
PB-217075	FDF1408	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 7.5mm	10	£27.50
PB-217080	FDF1409	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 8.0mm	10	£27.50
PB-217085	FDF1410	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 8.5mm	10	£27.50
PB-217090	FDF1411	PRO-Breathe SuctionPlus Endotracheal Tubes, Oral - Cuffed - 9.0mm	10	£27.50

* ISO 5356-1:2015 compliant and transparent as recommended by EGBAT report

Single Use

Latex Free

Airway Management

pro-breathe™

PRO-Breathe Endobronchial Tubes (DLT)

Single Use Supplied with Stylet & Suction Catheters

- Robertshaw type, used for one lung ventilation
- Constructed from thermosensitive PVC with a slightly curved tip to assist with placement
- Clearly marked with guidelines and radio-opaque centre line to aid correct positioning and X-ray verification
- Both cuffs, lumen and pilot balloons are clearly marked and colour coded for easy identification
- Available in a variety of sizes in both left and right options
- Transparent, universal 15mm connectors (ISO 5356-1:2015 compliant)
- Preloaded with stylet to help tube maintain shape for easier intubation
- Supplied sterile in easy access sachets (with switching Y adapter and two low friction suction catheters)

New and Improved

Patented switching Y adapter allows independent ventilation



Two low friction suction catheters and pre-loaded stylet included



Part No.	NPC	Description	Qty	Price
PB-231028	FDF1143	PRO-Breathe Endobronchial Tubes - Left Sided - 28 Fr	Single	£27.00
PB-231032	FDF1144	PRO-Breathe Endobronchial Tubes - Left Sided - 32 Fr	Single	£27.00
PB-231035	FDF1145	PRO-Breathe Endobronchial Tubes - Left Sided - 35 Fr	Single	£27.00
PB-231037	FDF1146	PRO-Breathe Endobronchial Tubes - Left Sided - 37 Fr	Single	£27.00
PB-231039	FDF1147	PRO-Breathe Endobronchial Tubes - Left Sided - 39 Fr	Single	£27.00
PB-231041	FDF1148	PRO-Breathe Endobronchial Tubes - Left Sided - 41 Fr	Single	£27.00

Part No.	NPC	Description	Qty	Price
PB-232035	FDF1151	PRO-Breathe Endobronchial Tubes - Right Sided - 35 Fr	Single	£30.00
PB-232037	FDF1152	PRO-Breathe Endobronchial Tubes - Right Sided - 37 Fr	Single	£30.00
PB-232039	FDF1153	PRO-Breathe Endobronchial Tubes - Right Sided - 39 Fr	Single	£30.00
PB-232041	FDF1154	PRO-Breathe Endobronchial Tubes - Right Sided - 41 Fr	Single	£30.00

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PRO-Breathe Endobronchial Blocker

Single Use

- Achieves controlled lung separation and one lung ventilation as an alternative to DLT
- Smooth surface and slight angle on distal tip for easy insertion and positioning
- Depth markers indicate the distance to distal tip
- Ultra thin cuff gives superior low-pressure seal and reduces micro-aspiration
- Blue cuff markings allow easy visualisation with bronchoscope when inflating
- Size clearly shown on pilot balloon
- Transparent, universal 22mm/15mm connectors (ISO 5356-1:2015 compliant)
- Supplied sterile in easy access sachets

Capped Evacuation Port

Multi-Port Design

Bronchoscope Port
Soft and elastic material
for safe insertion of
Bronchoscope

Twist lock design
Easy operation for
secure locking

Standard 15mm Ventilation Connector

Ultra Thin Cuff

- Creates a superior seal and reduces microaspiration
- Deflates close to the blocker tube to pass ETT easily

Blue cuff on size 9FR

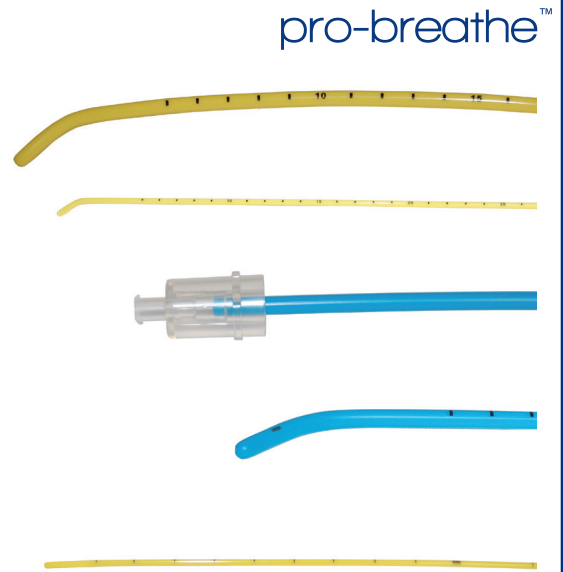
Part No.	NPC	Description	Qty	Price
PBEB00007	FDF1878	PRO-Breathe Endobronchial Blocker - 7 Fr	Single	£109.00
PBEB00009	FDF1879	PRO-Breathe Endobronchial Blocker - 9 Fr	Single	£109.00

* ISO 5356-1:2015 compliant and transparent as recommended by EGBAT report

PRO-Breathe Premium ET Tube Introducers

Single Use

- Premium bougie range with high gloss, low friction outer surface to improve tube glide over bougie
- Low point of pressure tip reduces the risk of accidental trauma
- CM graduations provide improved laryngeal inlet entry and exit guidance
- Highly visible colour for improved positioning in poor light
- Vented lumen option (coloured blue for easy identification) supplied with adapter
- Individually packed in easy open sterile sachets
- Phthalate free



Part No.	NPC	Description	Qty	Price
PBI105470	FDF1423	PRO-Breathe Premium ET Tube Introducer (Bougie) - Straight - 5 Fr / 470mm	10	£70.00
PBI210600	FDF1428	PRO-Breathe Premium ET Tube Introducer (Bougie) - Angled - 10 Fr / 600mm	10	£70.00
PBI210800	FDF1429	PRO-Breathe Premium ET Tube Introducer (Bougie) - Angled - 10 Fr / 800mm	10	£70.00
PBI215600	FDF1430	PRO-Breathe Premium ET Tube Introducer (Bougie) - Angled - 15 Fr / 600mm	10	£70.00
PBI215800	FDF1431	PRO-Breathe Premium ET Tube Introducer (Bougie) - Angled - 15 Fr / 800mm	10	£70.00
PBI314750	FDF1432	PRO-Breathe Premium ET Tube Introducer (Bougie) - Vented - 14 Fr / 750mm	10	£90.00

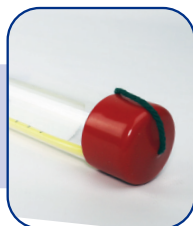
PRO-Breathe Standard ET Tube Introducers

Single Use

- Smooth surface for low friction
- Atraumatic tip minimises risk of soft tissue damage
- Depth markers provide entry and exit guidance
- Angled coude tip for easy insertion
- Vented lumen option available (adapter not included)
- Supplied sterile, individually packaged in easy to open sachets



Reusable Bougie Holder
Storage for up to x2
packed, or multiple
unpacked, bougies

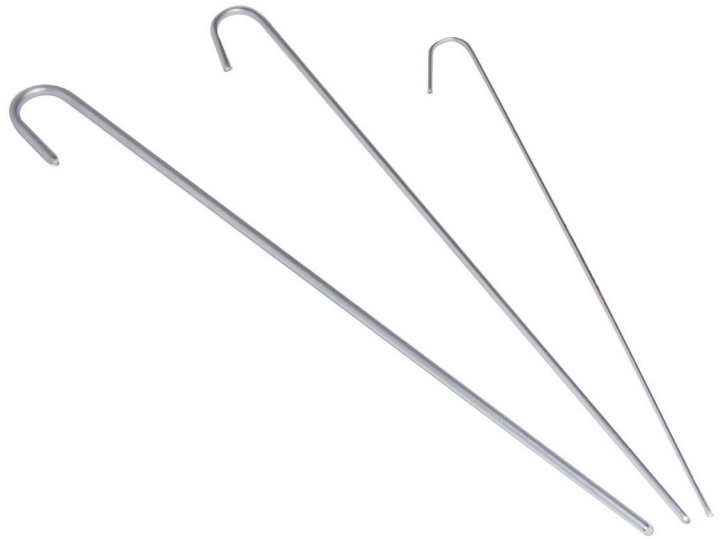


Part No.	NPC	Description	Qty	Price
PBB6CH535	FDF1106	PRO-Breathe ET Tube Introducer (Bougie) - Angled - 6 Fr / 535mm	20	£69.50
PBB10CH700	FDF1107	PRO-Breathe ET Tube Introducer (Bougie) - Angled - 10 Fr / 700mm	20	£69.50
PBB15CH700	FDF1108	PRO-Breathe ET Tube Introducer (Bougie) - Angled - 15 Fr / 700mm	20	£69.50
PBBH10CH700	FDF1109	PRO-Breathe ET Tube Introducer (Bougie) - Vented - 10 Fr / 700mm	20	£69.50
PBBH15CH700	FDF1110	PRO-Breathe ET Tube Introducer (Bougie) - Vented - 15 Fr / 700mm	20	£69.50
PBBHOLDER800	---	PRO-Breathe Bougie Holder - Standard - Supplied Empty	Single	£3.95

PRO-Breathe Intubation Stylets

Single Use

- Malleable aluminium core allows stylet to be formed into chosen shape
- Low friction polyethylene sheath aids insertion and withdrawal
- Fully rounded atraumatic tip to minimise the risk of patient trauma
- Choice of sizes to fit the majority of adult and paediatric ET tubes
- Supplied sterile and individually packaged in easy to open sachets



Part No.	NPC	Description	Qty	Price
PBS6FR	FDF1111	PRO-Breathe Intubating Stylets - 6 Fr	20	£11.50
PBS10FR	FDF1112	PRO-Breathe Intubating Stylets - 10 Fr	20	£11.50
PBS12FR	FDF2258	PRO-Breathe Intubating Stylets - 12 Fr	20	£11.50
PBS14FR	FDF1113	PRO-Breathe Intubating Stylets - 14 Fr	20	£11.50

PRO-Breathe ET Tube Holders

Single Use

- Universal adult / paediatric sized device which secures the ET tube reliably with no taping
- Built in bite block protects teeth and gums while keeping the airway open
- Wide padded strap is comfortable but holds firm, even when wet
- Openings give easy access for suctioning and allow observation of the patient's mouth and lip colour
- Accommodates ET Tube sizes from 5.0 to 10.0mm with a screw to secure in place
- Two lengths of strap: Standard (50cm) and Extra Long (60cm)
- Phthalate free and tested for bio-compatibility



Military Green
With extra large strap



Part No.	NPC	Description	Qty	Price
PBTH10011	FDF2255	PRO-Breathe ET Tube Holder - Adult/Paediatric - Blue - Standard Strap	50	£59.50
PBTH10021	FDF2256	PRO-Breathe ET Tube Holder - Adult/Paediatric - Blue - Extra Long Strap	50	£62.50
PBTH10121	FDF2257	PRO-Breathe ET Tube Holder - Adult/Paediatric - Military Green - Extra Long Strap	50	£62.50

Single Use

Latex Free

Airway Management

PRO-Breathe Guedel Airways

Single Use

- Smooth integrated design for optimum patient safety
- Rigid bite block to ensure airway patency
- Colour coded for easy size selection
- Supplied sterile in easy to open colour coded sachets
- Phthalate free



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Part No.	NPC	Description	Colour	Qty	Price
PB-24101	FSM4056	PRO-Breathe Oropharyngeal Airways, Guedel - 40mm - Size 000		50	£9.50
PB-24102	FSM4055	PRO-Breathe Oropharyngeal Airways, Guedel - 50mm - Size 00		50	£9.50
PB-24103	FSM4053	PRO-Breathe Oropharyngeal Airways, Guedel - 60mm - Size 0		50	£9.50
PB-24104	FSM4057	PRO-Breathe Oropharyngeal Airways, Guedel - 70mm - Size 1		50	£9.50
PB-24105	FSM4058	PRO-Breathe Oropharyngeal Airways, Guedel - 80mm - Size 2		50	£9.50
PB-24106	FSM4059	PRO-Breathe Oropharyngeal Airways, Guedel - 90mm - Size 3		50	£9.50
PB-24107	FSM4060	PRO-Breathe Oropharyngeal Airways, Guedel - 100mm - Size 4		50	£9.50
PB-24108	FSM4061	PRO-Breathe Oropharyngeal Airways, Guedel - 110mm - Size 5		50	£9.50
PB-24109	FSM4062	PRO-Breathe Oropharyngeal Airways, Guedel - 120mm - Size 6		50	£9.50
PBGUKIT	---	PRO-Breathe Oropharyngeal Airways, Guedel - Kit - Size 000-5		Single	£3.75

PRO-Breathe Nasopharyngeal Airways

Single Use

- Low friction satin finish for easy insertion / removal
- Supple PVC construction gives optimum feel and atraumatic fit
- Angled tip and bevelled end reduce risk of injury
- Large reinforced flange secures airway with no need for safety pin etc
- Transparent material for patient safety
- Supplied sterile, individually packaged in easy to open sachets



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Part No.	NPC	Description	Qty	Price
PBNP00060	FDB000	PRO-Breathe Nasopharyngeal Airways - 6.0mm	10	£15.00
PBNP00070	FDB285	PRO-Breathe Nasopharyngeal Airways - 7.0mm	10	£15.00
PBNP00060	FDB922	PRO-Breathe Nasopharyngeal Airways - 8.0mm	10	£15.00
PBNP00060	FDB915	PRO-Breathe Nasopharyngeal Airways - 9.0mm	10	£15.00

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PRO-Breathe Oxygen Nasal Cannula Straight or Curved Prongs

pro-breathe™

- Over the ear design improves patient comfort during long term oxygen use
- Sliding toggle adjusts under the chin for best fit
- Soft, comfortable and flexible nasal prongs in a choice of styles
- Transparent with crush/kink resistant tubing for maximum patient safety
- Single use to help to prevent cross infection and contamination



Curved Prongs



Straight Prongs

Part No.	NPC	Description	Qty	Price
PBNC10121	FDD2257	PRO-Breathe Oxygen Nasal Cannula - Straight Prongs - Adult / 2.1m	50	£15.95
PBNC10221	FDD2259	PRO-Breathe Oxygen Nasal Cannula - Straight Prongs - Paediatric / 2.1m	50	£15.95
PBNC20121	FDD2253	PRO-Breathe Oxygen Nasal Cannula - Curved Prongs - Adult / 2.1m	50	£16.95
PBNC20221	FDD2255	PRO-Breathe Oxygen Nasal Cannula - Curved Prongs - Paediatric / 2.1m	50	£16.95
PBNC20321	---	PRO-Breathe Oxygen Nasal Cannula - Curved Prongs - Infant / 2.1m	50	£16.95
PBNC20421	FDD2254	PRO-Breathe Oxygen Nasal Cannula - Curved Prongs - Neonate / 2.1m	50	£16.95
PBNC20150	---	PRO-Breathe Oxygen Nasal Cannula - Curved Prongs - Adult / 5.0m	50	£37.95

PRO-Breathe Oxygen Mask and Nasal Cannula with CO2 Sampling With Oxygen Delivery

Mask has Female Luer CO2 Sampling Connector which requires additional sample line - see below.

See page 51 for more Capnography products



Part No.	NPC	Description	Qty	Price
PBNC11130	FKK169	PRO-Breathe Oxygen Nasal Cannula with CO2 Sampling - Adult / 3.0m	50	£99.00
PBNC11230	FKK170	PRO-Breathe Oxygen Nasal Cannula with CO2 Sampling - Paediatric / 3.0m	50	£99.00

Part No.	NPC	Description	Qty	Price
PB-331010	FKK171	PRO-Breathe Oxygen Mask, CO2 Sampling - Adult	50	£46.00
PB-331013	FKK172	PRO-Breathe Oxygen Mask, CO2 Sampling - Paediatric	50	£46.00
PBSL08002-50	FBC1364	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Male - 2.0m	50	£50.00
PBSL08103-50	FBC1363	PRO-Breathe Gas Sampling Line, Luer Lock, Male / Female - 3.0m	50	£65.00

Single Use

Latex Free

Oxygen & Aerosol Therapy

PRO-Breathe Oxygen Mask Sets

pro-breathe™

Medium Concentration

- Transparent material ensure patient response can be monitored easily
- Soft PVC construction with smooth feathered edge for added patient comfort
- Adjustable nose clip and elasticated head strap ensure a good fit
- Ready for use with crush resistant oxygen tubing (2.1m)



Part No.	NPC	Description	Qty	Price
PB-23101	FDD2252	PRO-Breathe Oxygen Mask - Medium Concentration - Adult	50	£24.95
PB-23103	FDD2251	PRO-Breathe Oxygen Mask - Medium Concentration - Paediatric	50	£24.95

PRO-Breathe Oxygen Mask Sets

pro-breathe™

High Concentration

- Soft PVC construction with smooth feathered edge for added patient comfort
- Adjustable nose clip and elasticated head strap ensure a good fit
- Transparent material ensures patient response can be monitored easily
- Swivel O2 connector can rotate to the most convenient and comfortable position, allowing for patient movement and oxygen supply from either side
- Ready for use with kink and crush resistant oxygen tubing (2.1m)
- Option of safety vent to reduce re-breathing and allow exhaled gas to escape



Part No.	NPC	Description	Qty	Price
PB-333001	FDD2247	PRO-Breathe Oxygen Mask - High Concentration - Adult	50	£34.00
PB-333003	FDD2248	PRO-Breathe Oxygen Mask - High Concentration - Paediatric	50	£34.00
PB-23401	FDD4078	PRO-Breathe Oxygen Mask - High Concentration with Safety Vent - Adult	50	£34.50
PB-23402	FDD2249	PRO-Breathe Oxygen Mask - High Concentration with Safety Vent - Paediatric	50	£34.50

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

PRO-Breathe Oxygen Masks

Fixed Concentration - 28% Venturi

- Transparent material ensures patient response can be monitored easily
- Soft PVC construction with smooth feathered edge for added patient comfort
- Adjustable nose clip and elasticated head strap ensure a good fit
- Colour coded venturi valve delivers accurate oxygen concentration in compliance with ISO EN 13544-3:2001
- Ready for use with kink and crush resistant oxygen tubing (2.1m)



pro-breathe™

Part No.	NPC	Description	Qty	Price
PBOM00521	---	PRO-Breathe Oxygen Mask - 28% Venturi with Corrugated Tubing - Adult	50	£34.50

PRO-Breathe Tracheostomy Masks

Fixed Concentration - 50% Venturi

- Contoured for an effective seal with a 360° swivel connector for maximum patient comfort
- Colour coded venturi valve delivers accurate oxygen concentration
- Transparent PVC construction allows patient response to be easily monitored
- Ready for use with kink and crush resistant oxygen tubing (2.1m)



pro-breathe™

Part No.	NPC	Description	Qty	Price
PBTM00051	---	PRO-Breathe Tracheostomy Mask - 50% Venturi with Corrugated Tubing - Adult	50	£60.00

Single Use

Latex Free

Oxygen & Aerosol Therapy

PRO-Breathe Nebulizer Kits

Single Use

- Mask or mouthpiece/T-piece delivery options available
- All options include a 6ml nebulizer and 2.1m kink/crush resistant oxygen tubing
- Transparent mask material allows clear observation of patient response
- Masks have adjustable nose clips and elasticated head straps for secure fit



pro-breathe™

Part No.	NPC	Description	Qty	Price
PB-343002	FDD4404	PRO-Breathe Nebulizer Kit - Chamber, Mask and Oxygen Tubing - Adult	50	£34.95
PB-343003	FDD2260	PRO-Breathe Nebulizer Kit - Chamber, Mask and Oxygen Tubing - Paediatric	50	£34.95
PB-29003	FDD2261	PRO-Breathe Nebulizer Kit - Chamber, Mouthpiece, T-Piece and Oxygen Tubing	50	£34.95

PRO-Breathe Oxygen Tubing

Single Use Star Tubing

- Kink and crush resistant star lumen ensures uninterrupted oxygen flow
- Standard end connectors fit to various devices for maximum flexibility
- Ready for use, no need to cut to length
- Transparent PVC for patient safety



pro-breathe™

Part No.	NPC	Description	Qty	Price
PB-27001	FDD2263	PRO-Breathe Oxygen Tubing - 2.1m	50	£14.00
PB-27002	FDD2264	PRO-Breathe Oxygen Tubing - 4.5m	50	£26.50

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

PRO-Breathe BVM Sets

Manual Resuscitators

- Medical grade PVC with polycarbonate shell finished to offer exceptional grip
- Anatomically shaped masks feature adjustable air cushions for optimum seal and comfortable fit
- Clear masks offer excellent operational view of patient response
- Standard 15F/22M connector allows use with ETT or other airway devices
- Supplied fully assembled ready for use in an emergency, bag is compacted for convenient storage - just pull out for use
- Infant and Child sets feature a 40cm H2O pressure relief valve
- Kits contain three appropriately sized masks for maximum flexibility

Adult, Child or Infant Sets

1500ml

550ml

280ml



Part No.	NPC	Description	Qty	Price
CP681313N	FDE9872	BVM Resuscitator Set, Disposable - Adult 1500ml Bag with Size 3, 4 & 5 Masks	Single	£7.95
CP682313	FDE9874	BVM Resuscitator Set, Disposable - Child 550ml Bag with Size 0, 1 & 2 Masks	Single	£7.95
CP683323	FDE9873	BVM Resuscitator Set, Disposable - Infant 280ml Bag with Size 0, 1 & 2 Masks	Single	£7.95

Single Use

Latex Free

Resuscitation & Emergency

PRO-Breathe Entonox Filter with Mouthpiece

pro-breathe™

- Ideal for delivery of analgesic gases such as Entonox
- Lightweight, with a compact, rounded design
- Standard 22F / 15M circuit connectors
- Compressible Volume: 33ml
- Bacterial and viral filtration efficiency: 99.99%



Part No.	NPC	Description	Qty	Price
PBBF11504	FTC469	PRO-Breathe Entonox Filter (Bacterial / Viral) with Mouthpiece	50	£35.00

PRO-Breathe CPR Personal Facemasks with Hard Carry Case

pro-breathe™

- Low resistance one-way valve and filter offer optimal hygiene and safety, whilst reducing contamination and the transmission of infection*
- Fully assembled, ready to use, in bright protective case for easy location
- Anatomically designed mask with pre-inflated cuff for a superior fit and seal
- Transparent, allowing patient response to be easily monitored
- ISO standard 22mm fittings for use with a BVM Resuscitator
- Suitable for adult, child and infant patients



* Resus Council guidelines (May 2020) do not recommended CPR masks for use with COVID-19 patients

Part No.	NPC	Description	Qty	Price
PBRM11410	FDD1672	PRO-Breathe CPR Mask with Hard Carry Case - Adult/Paediatric	12	£34.35
PBRM11501	---	Mounting Bracket for PRO-Breathe CPR Mask, Stainless Steel	Single	£15.00
PBRM11502	---	One Way Valve with Filter for PRO-Breathe CPR Mask	10	£12.00

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

SuctionLite Manual Suction Pump

Handheld Suction

- Lightweight, compact and effective form of immediate oral suction
- Suctionlite provides a vacuum force of approximately 100mmHg
- Double valve system promotes continuous operation with one hand
- Atraumatic tipped adult and paediatric suction catheters included
- Simply extend catheter from suction bulb before use
- Zip lock bag provided as biohazard container for safe storage after use



Part No.	NPC	Description	Qty	Price
PRSP00001	FSQ1767	SuctionLite Suction Pump, Manual with Bulb - Packed with Paediatric Catheter and Disposable Bag	10	£109.00

Metal Max Paramedic Shears

Disposable

- Stainless steel construction
- Disposable to aid infection control
- Safety tip to prevent harm to the patient



Part No.	NPC	Description	Qty	Price
MMPROSHEARS	---	Metal Max Disposable Shears - 190mm	10	£10.00

Single Use

Latex Free

Resuscitation & Emergency

PRO-Breathe Patient Transfer Kit

Adult Configuration

- Designed for transport trolleys and vehicles, offering a reliable and cost effective solution for improved patient safety and ease of use
- Colour coded bag for easy identification
- Individual items will remain clean and secure in pre sealed outer bag ready for use when required
- The kits deliver improved access to emergency products during transportation of patients
- Kits may be customised for a small additional charge - please contact us for more for details or to replenish items from existing kits



pro-breathe™

Part No.	NPC	Description	Colour	Qty	Price
PTK1561	---	PRO-Breathe Patient Transfer Kit - Adult Standard Comes fully equipped with BVM: 1500ml Masks: 3, 4 & 5 Guedels: 4, 5 & 6 Oxygen Mask: Adult High Concentration		Single	£24.95
PTK1561S	---	PRO-Breathe Patient Transfer Kit - Adult Standard with SuctionLite MSP Comes fully equipped with BVM: 1500ml Masks: 3, 4 & 5 Guedels: 4, 5 & 6 Oxygen Mask: Adult High Concentration		Single	£42.00

PRO-Breathe Patient Transfer Kit

Paediatric Configuration

- Designed for transport trolleys and vehicles, offering a reliable and cost effective solution for improved patient safety and ease of use
- Colour coded bag for easy identification
- Individual items will remain clean and secure in pre sealed outer bag ready for use when required
- The kits deliver improved access to emergency products during transportation of patients
- Kits may be customised for a small additional charge - please contact us for more for details or to replenish items from existing kits



pro-breathe™

Part No.	NPC	Description	Colour	Qty	Price
PTK3222	---	PRO-Breathe Patient Transfer Kit - Paediatric Standard Comes fully equipped with BVM: 550ml Masks: 0, 1 & 2 Guedels: 0, 1 & 2 Oxygen Mask: Paediatric High Concentration		Single	£24.95
PTK3222S	---	PRO-Breathe Patient Transfer Kit - Paediatric Standard with SuctionLite MSP Comes fully equipped with BVM: 550ml Masks: 0, 1 & 2 Guedels: 0, 1 & 2 Oxygen Mask: Paediatric High Concentration		Single	£42.00

Tel: 01536 461981

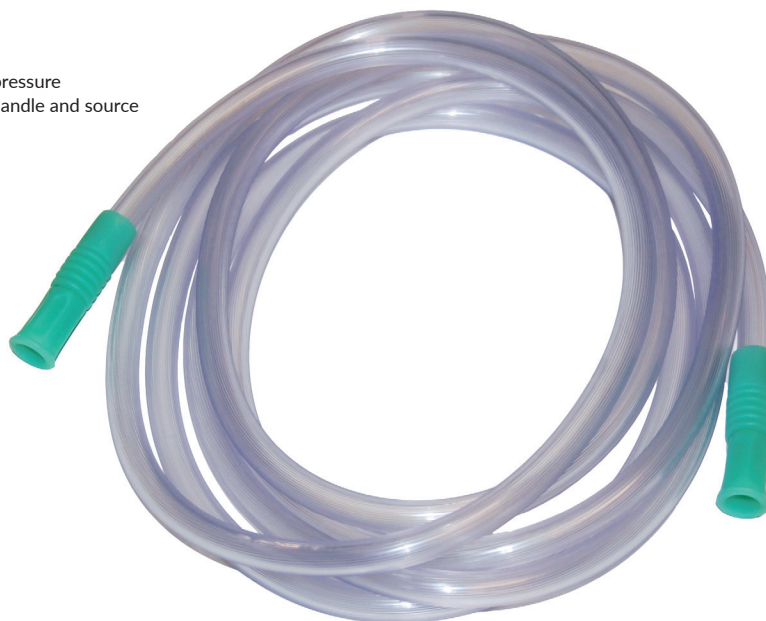
Fax: 01536 461837

orders@proactmedical.co.uk

pro-breathe™

PRO-Breathe Suction Tubing Disposable

- Transparent tubing allows blockages to be visualised quickly
- Thick walls prevent the tube from collapsing under high negative pressure
- Flexible universal connectors provide a secure connection to the handle and source
- Range of lengths available
- Supplied sterile in individual easy access sachets



Part No.	NPC	Description	Qty	Price
PB-432001	FWP410	PRO-Breathe Suction Tubing - 1.8m length	20	£12.50
PB-432008	FWP424	PRO-Breathe Suction Tubing - 3.0m length	20	£15.00

PRO-Breathe Yankauer Handles Disposable

- Transparent material for clear visualisation during suction
- Similar in shape to traditional metal Yankauer suckers with vents to control suction
- Available in a choice of plain or crown tips
- Supplied sterile in individual easy access sachets



Part No.	NPC	Description	Qty	Price
PB-431001	FDF2260	PRO-Breathe Yankauer Suction Handle - Vented, Crown Tip	20	£10.00
PB-431004	FDF2259	PRO-Breathe Yankauer Suction Handle - Vented, Plain Tip	20	£10.00
PB-433005	---	PRO-Breathe Suction Tubing with Vented Yankauer Suction Handle - 3.0m length	20	£20.00

PRO-Breathe Suction Catheters

Funnel and Y Type Connectors

- Manufactured from transparent medical grade PVC allowing user to visualise any blockages quickly
- Atraumatic tip with double offset eye to provide relief if the distal hole becomes occluded
- Smooth surface and depth graduations to aid insertion
- Funnel (plain) connector with additional capped vacuum control adapter
- Y connector allows fingertip vacuum control
- Full range of gauges available, colour coded for easy size identification
- Supplied sterile in individual easy access sachets



Y Type
Connector



Funnel (plain) type now supplied with
capped vacuum control adapter

Part No.	NPC	Description	Colour	Qty	Price
PB-372006	FSQ1262	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 6 Fr	Green	100	£14.00
PB-372008	FSQ1263	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 8 Fr	Blue	100	£14.00
PB-372010	FSQ1264	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 10 Fr	Black	100	£14.00
PB-372012	FSQ1265	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 12 Fr		100	£14.00
PB-372014	FSQ1266	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 14 Fr	Green	100	£14.00
PB-372016	FSQ1267	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 16 Fr	Orange	100	£14.00
PB-372018	FSQ1268	PRO-Breathe Suction Catheters, Y Type (Vacuum Control) - 18 Fr	Red	100	£14.00
PB-374006	FSQ1269	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 6 Fr	Green	100	£15.00
PB-374008	FSQ1270	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 8 Fr	Blue	100	£15.00
PB-374010	FSQ1271	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 10 Fr	Black	100	£15.00
PB-374012	FSQ1272	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 12 Fr		100	£15.00
PB-374014	FSQ1273	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 14 Fr	Green	100	£15.00
PB-374016	FSQ1274	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 16 Fr	Orange	100	£15.00
PB-374018	FSQ1275	PRO-Breathe Suction Catheters, Funnel (with Control Adapter) - 18 Fr	Red	100	£15.00

Made for professionals

We are pleased to present the new WaterStop product line from BEXAMED, who have been supplying a tried and trusted collection of emergency medical bags for many years. Their new WaterStop bag range focuses on bringing their existing models to a new quality level by introducing innovative material and superior workmanship to meet the challenges of the most demanding environments.

WaterStop Technology with TEFLON®

The heavy duty fabric surface undergoes a permanent TEFLON® Shield impregnation which turns the fabric into a water- and dust-proof material with additional benefits:

- Light weight but high strength
- Easy clean to lower risk of cross infection
- Durable – 2 year warranty across the range

WaterStop Zips

Zipper pullers are extremely strong and guarantee smooth, safe, fast and safe access, even under great pressure

Traceable Serial Number

Each bag is tracked with an individual serial number for identification and tracking



Choose Either...

WaterStop emergency bags are available in a choice of two water and dust proof materials, both building on the best quality 600 denier polyester material

Fabric Version

WaterStop polyester fabric bags are made of heavy duty fibre.

The inside of the material is coated with two players of PU (polyurethane) coating and the outside undergoes a permanent TEFLON® impregnation.

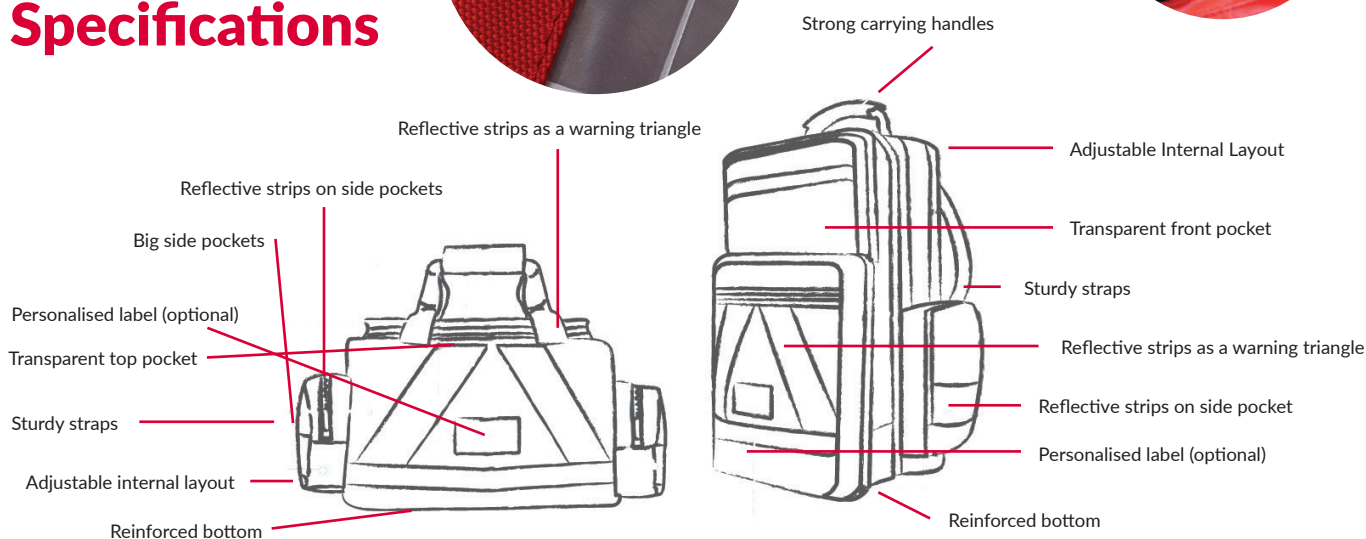


Wipe-Down PVC Version

PVC Wipe Down WaterStop bags have all the benefits of the standard fabric, but with an especially light-weight, high strength PVC coating



Specifications



Bexamed WaterStop PRO Emergency Backpack

- WaterStop Teflon® Shield technology to repel water and resist stains
- Special, sturdy zippers protect contents from moisture ingress and are easy to grasp in the rain
- Sewn-in reflective tapes with edge protection form a warning triangle
- Reinforced, padded shoulder straps and a waist belt offer a comfortable fit
- Grey inner lining for better visibility of bag contents
- Intelligent internal divider and 5 modular bags with transparent fronts
- Two side pockets and a front compartment (e.g. suitable for AED)
- 2 year warranty

Includes Modular Bags

Specifications

Dimensions	46 x 25 x 20cm
Approx. Capacity	20 litres
Weight (empty)	2.43kg (poly version)



Part No.	NPC	Description	Colour	Qty	Price
N180002	---	WaterStop Paramedic Bag, PRO - 600D Poly Fabric	Red	Single	£55.00
N180003	---	WaterStop Paramedic Bag, PRO - 600D Poly Fabric	Blue	Single	£55.00
N180005	---	WaterStop Paramedic Bag, PRO - Wipe Down PVC Fabric	Red	Single	£75.00
N180006	---	WaterStop Paramedic Bag, PRO - Wipe Down PVC Fabric	Blue	Single	£75.00

Bexamed WaterStop PROFI Emergency Backpack

- WaterStop Teflon® Shield technology makes bags dirt and water repellent
- Special, sturdy zippers protect bag contents from moisture ingress and are easy to use in the rain
- Reinforced, padded shoulder straps and a waist belt ensure user comfort
- Grey inner lining offers great visibility of bag contents
- Embedded reflective tapes with edge protection form a warning triangle
- Includes 4 internal modular bags with transparent fronts and Velcro® attachments
- Mounting for O2 bottle
- 2 year warranty

Includes Modular Bags

Specifications

Dimensions	65 x 42 x 23cm (without side pockets)
Approx. Capacity	60 litres
Weight (empty)	3.5kg (poly version)



Part No.	NPC	Description	Colour	Qty	Price
N180009	---	WaterStop Paramedic Bag, PROFI - 600D Poly Fabric	Red	Single	£119.00
N180012	---	WaterStop Paramedic Bag, PROFI - Wipe Down PVC Fabric	Red	Single	£149.00
N180056	---	WaterStop Internal Modular Bag for PROFI - (35 x 16 x 8cm)	Red	Single	£12.50

Emergency Medical Kit Bags

Bexamed WaterStop ULTRA Emergency Holdall

- Water and dirt repellent material protected by WaterStop Teflon® Shield technology
- Special, sturdy zippers protect contents from moisture ingress and are easy to grasp in the rain
- Embedded reflective tapes with edge protection form a warning triangle
- Grey inner lining for better visibility of bag contents
- Fixed internal divider splits bag into one main and four smaller well-padded sections
- Elastic internal straps allow storage of items such as Guedel airways
- Two side pockets with reflective strips and top zip-up compartment
- Long shoulder strap and short handles for flexible transportation
- 2 year warranty

Specifications

Dimensions	44 x 34 x 30cm (without side pockets)
Approx. Capacity	approx 40 litres
Weight (empty)	approx 1.4kg (poly version)



Part No.	NPC	Description	Colour	Qty	Price
N180020	---	WaterStop Paramedic Bag, ULTRA - 600D Poly Fabric	Red	Single	£55.00
N180021	---	WaterStop Paramedic Bag, ULTRA - 600D Poly Fabric	Blue	Single	£55.00
N180022	---	WaterStop Paramedic Bag, ULTRA - 600D Poly Fabric	Black	Single	£55.00
N180023	---	WaterStop Paramedic Bag, ULTRA - Wipe Down PVC Fabric	Red	Single	£77.00

Bexamed WaterStop MULTI Emergency Holdall

- WaterStop Teflon® Shield technology repels water and resists stains
- Special, sturdy zippers protect contents from moisture ingress and are easy to grasp in the rain
- Sewn-in reflective tapes with edge protection form a warning triangle
- Grey inner lining for better visibility of bag contents
- Internal divider splits into one main divider and two smaller ones
- Two side pockets with sturdy zippers and reflective strips
- Optional shoulder strap for flexible carrying
- 2 year warranty

Specifications

Dimensions	45 x 24 x 20cm
Approx. Capacity	21 litres
Weight (empty)	approx 0.8kg



Part No.	NPC	Description	Colour	Qty	Price
N180017	---	WaterStop Paramedic Bag, MULTI - 600D Poly Fabric	Red	Single	£39.00
N180018	---	WaterStop Paramedic Bag, MULTI - 600D Poly Fabric	Blue	Single	£39.00

Bexamed WaterStop FREE Emergency Holdall

- WaterStop Teflon® Shield technology makes bags dirt and water resistant
- Special, sturdy zippers protect bag contents from moisture ingress and are easy to use in the rain
- Grey inner lining offers great visibility of bag contents
- Embedded reflective tapes with edge protection form a warning triangle
- Padded internal divider (removable) splits main space to offer 3 additional compartments
- Front compartment, 2 side pockets and transparent compartment on the back
- Long shoulder strap and short handles for flexible carrying
- 2 year warranty

Specifications	
Dimensions	30 x 19 x 20cm (without side pockets)
Approx. Capacity	11 litres
Weight (empty)	approx 0.8kg



Part No.	NPC	Description	Colour	Qty	Price
N180014	---	WaterStop Paramedic Bag, FREE - 600D Poly Fabric		Single	£36.00
N180015	---	WaterStop Paramedic Bag, FREE - 600D Poly Fabric		Single	£36.00

Bexamed WaterStop PRO & Light Ampoule Holders

- Water and dirt repellent material protected by WaterStop Teflon® Shield technology
- Water-tight sealing zips ensure a dry, clean storage environment for contents and are easy to grip in the rain
- Lightweight but high strength protection for up to 40 (LIGHT) or 100 (PRO) ampoules
- Reflective strips with edge protection (PRO only)
- 2 year warranty

Specifications	PRO	LIGHT
Dimensions	29 x 24 x 8.5cm	13 x 18 x 6cm
Approx. Capacity	100 ampoules	40 ampoules
Weight (empty)	approx 0.7kg	approx 0.2kg



PRO version shown

Part No.	NPC	Description	Colour	Qty	Price
N180025	---	WaterStop Ampoule Holder, Light - 600D Poly Fabric		Single	£15.00
N180028	---	WaterStop Ampoule Holder, Light - Wipe Down PVC Fabric		Single	£20.00
N180034	---	WaterStop Ampoule Holder, PRO - 600D Poly Fabric		Single	£27.50
N180031	---	WaterStop Ampoule Holder, PRO - Wipe Down PVC Fabric		Single	£35.00

Emergency Medical Kit Bags

PROACT Advance II Emergency Holdall

- Generous holdall for heavy duty use
- Padded all round for extra protection with a robust bottom
- Sewn-in reflective strips with edge protection
- Two large and two small external zipping pockets plus clear plastic wallet on top
- Movable, padded internal dividers for maximum versatility
- Carry handles plus adjustable shoulder strap for flexible carrying
- 1 year warranty



Specifications	
Dimensions	52 x 32 x 32cm
Weight (empty)	approx 1.6kg (poly version)
	approx 2.7kg (PVC version)

Part No.	NPC	Description	Colour	Qty	Price
N190135	---	Paramedic Holdall, Advance II - 600D Poly Fabric		Single	£35.00
N190137	---	Paramedic Holdall, Advance II - Wipe Down PVC Fabric		Single	£55.00

PROACT Essence II Emergency Holdall

- Compact holdall for general use
- Semi rigid bottom offers protection
- Embedded reflective strips with edge protection
- Two zip up pockets on either side and clear plastic wallet on top
- Three fixed internal compartments for better organisation
- Carry handles plus adjustable shoulder strap for flexible carrying
- 1 year warranty



Specifications	
Dimensions	44 x 25 x 27cm
Weight (empty)	approx 1kg (poly version)
	approx 2kg (PVC version)

Part No.	NPC	Description	Colour	Qty	Price
N190223	---	Paramedic Holdall, Essence II - 600D Poly Fabric		Single	£24.00
N190224	---	Paramedic Holdall, Essence II - Wipe Down PVC Fabric		Single	£39.00

PROACT PROMed II Emergency Backpack

- Robust back pack for professional use
- Sewn-in reflective strips with edge protection
- Main compartment has rigid frame and padding
- Two zip up side pockets and one front pocket with zip wallet
- Movable internal dividers and five colour-coded inner pouches
- Padded shoulder straps with chest strap for maximum comfort
- 1 year warranty

Specifications

Dimensions	48 x 35 x 26cm
Weight (empty)	approx 2kg (poly version)
	approx 3kg (PVC version)



Part No.	NPC	Description	Colour	Qty	Price
N190132	---	Paramedic Backpack, PROMed II - 600D Poly Fabric		Single	£40.00
N190134	---	Paramedic Backpack, PROMed II - Wipe Down PVC Fabric		Single	£59.00

PROACT Oxygen Cylinder Emergency Bag Paramedic Bag

NEW!

- Large cylindrical bag with sturdy zip, suitable for O2 cylinders up to 2 litres (CD, D)
- Robust and easy to wipe-down PVC coated material
- Transparent Velcro® hinged window for direct view of O2 levels and easy access
- Main internal compartment has rigid frame and padding with Velcro® straps for maximum security
- Side pocket and additional zip-up internal modular bag provide additional storage space
- Comfortable carrying strap and detachable shoulder strap
- 2 year warranty

Specifications

Dimensions	55 x 22 x 22cm
Weight (empty)	approx 1.4kg



Part No.	NPC	Description	Colour	Qty	Price
N190306	---	O2 Cylinder Bag- Wipe Down PVC Fabric		Single	£65.00

Tel: 01536 461981

Fax: 01536 461837

orders@proactmedical.co.uk

PROACT Safety Anaesthetic Trays

Antimicrobial Material

- Three individual troughs assist safe picking and storing of instruments, syringes and drug vials
- Antimicrobial material - Silver Ion Protected
- Rigid handles ensure a firm grip
- Constructed from a high impact polystyrene
- Designed to be single use in order to avoid infection risks associated with re-use of such trays whilst also saving cleaning time
- Supplied clinically clean to eliminate sterile shelf life issues

Silver Ion
Antimicrobial
Protection Material
ISO 22196:2011



Items shown for illustrative purposes only - not included

Part No.	NPC	Description	Qty	Price
SAT-300	FDE631	PROACT Antimicrobial Safety Anaesthetic Trays (SAT)	300	£147.00

PRO-Breathe Anaesthetic Masks

Disposable with Air Cushion

- Transparent material allows a clear view of the interior for patient safety
- Flexible shell with grip for easy handling
- Air cushion (adjustable in sizes 2 to 5) for patient comfort and a superb seal
- Large range of sizes to cover a wide patient population, supplied in colour coded packaging
- Designed for single patient use to minimise cross infection



Part No.	NPC	Description	Colour	Qty	Price
PBAM00010	FDD2687	PRO-Breathe Anaesthetic Mask, Disposable with Air Cushion - Size 0 - Neonate		50	£37.50
PBAM00011	FDD2688	PRO-Breathe Anaesthetic Mask, Disposable with Air Cushion - Size 1 - Infant		50	£37.50
PBAM00012	FDD2689	PRO-Breathe Anaesthetic Mask, Disposable with Adjustable Cushion - Size 2 - Child		50	£37.50
PBAM00013	FDD2690	PRO-Breathe Anaesthetic Mask, Disposable with Adjustable Cushion - Size 3 - Large Child		50	£37.50
PBAM00014	FDD2691	PRO-Breathe Anaesthetic Mask, Disposable with Adjustable Cushion - Size 4 - Small Adult		50	£37.50
PBAM00015	FDD2692	PRO-Breathe Anaesthetic Mask, Disposable with Adjustable Cushion - Size 5 - Adult		50	£37.50

ACCU-PRO Pressure Infusion Bags

Three different bag sizes

- Available in colour coded 500ml, 1000ml or 3000ml bag sizes
- Easy one handed inflation and deflation
- Easy to read colour coded gauge to indicate bladder pressure
- See through mesh material allows for easy loading and offers a clear view of fluid level
- IV fluid bag hook is durable and designed to fit all standard size stands
- Space to write on patient name, date and solution
- New reusable design, eliminating time consuming cleaning and repair, whilst providing a patient dedicated solution to the problem of infection control
- May be cleaned and re-used up to 20 times - see user instructions

Colour Coded Pressure Gauge



Easy to inflate with one hand



Part No.	NPC	Description	Qty	Price
APPI00500	FFF538	Accu-PRO Pressure Infusion Bag - 500ml	10	£99.00
APPI01000	FFF539	Accu-PRO Pressure Infusion Bag - 1000ml	10	£99.00
APPI03000	FFF476	Accu-PRO Pressure Infusion Bag - 3000ml	12	£216.00

Clinical Consumables

Metal Max Magill Forceps

Disposable

- Stainless steel construction
- Disposable to aid infection control
- Choice of sizes



Part No.	NPC	Description	Qty	Price
MMPROMAGA250A	---	Metal Max Disposable Magill Forceps - 250mm, Adult	10	£24.95
MMPROMAGA250S	---	Metal Max Disposable Magill Forceps - 250mm, Adult with Small Tip	10	£24.95
MMPROMAG200CC	---	Metal Max Disposable Magill Forceps - 200mm, Child	10	£24.95
MMPROMAG170P	---	Metal Max Disposable Magill Forceps - 170mm, Paediatric	10	£24.95

Spencer Wells Forceps

Disposable

- Stainless steel construction
- Disposable to aid infection control
- Supplied sterile
- Choice of sizes



Part No.	NPC	Description	Qty	Price
FS42-6000	---	Metal Spencer Wells Forceps - STERILE Disposable - 125mm	10	£44.50
FS42-2159	---	Metal Spencer Wells Forceps - STERILE Disposable - 180mm	10	£49.50
FS42-2158	---	Metal Spencer Wells Forceps - STERILE Disposable - 200mm	10	£54.50

Tracheostomy Dilator Forceps

Disposable

- Stainless steel construction
- Disposable to aid infection control
- Supplied sterile



Part No.	NPC	Description	Qty	Price
FS42-6501	---	Metal Tracheostomy Dilator Forceps - STERILE Disposable - 125mm	10	£79.50

Metal Max PRO-Shears

Disposable

- Stainless steel construction with safety tip and easy grip handles
- Disposable to aid infection control



Part No.	NPC	Description	Qty	Price
MMPROSHEARS	---	Metal Max Disposable PRO-Shears- 190mm	10	£10.00

PROACT Magill Forceps

Autoclavable Reusable

- Stainless steel construction
- Fully autoclavable up to 300 cycles or 138°C
- Washer / Disinfector compatible



Part No.	NPC	Description	Qty	Price
PROMAGA250	---	PROACT Autoclavable Magill Forceps - 250mm, Adult	10	£49.50
PROMAGA250S	---	PROACT Autoclavable Magill Forceps - 250mm, Adult with Small Tip	10	£49.50
PROMAG200	---	PROACT Autoclavable Magill Forceps - 200mm, Child	10	£49.50
PROMAG170	---	PROACT Autoclavable Magill Forceps - 170mm, Paediatric	10	£49.50

PROACT Spencer Wells Forceps

Autoclavable Reusable

- Stainless steel construction
- Fully autoclavable up to 300 cycles or 138°C
- Washer / Disinfector compatible



Part No.	NPC	Description	Qty	Price
PROSW125	---	PROACT Autoclavable Spencer Wells Forceps - 125mm	Single	£5.95
PROSW200	---	PROACT Autoclavable Spencer Wells Forceps - 200mm	Single	£5.95

PROACT Tracheostomy Dilator Forceps

Autoclavable Reusable

- Stainless steel construction
- Fully autoclavable up to 300 cycles or 138°C
- Washer / Disinfector compatible



Part No.	NPC	Description	Qty	Price
PROTDL120	---	PROACT Autoclavable Tracheostomy Dilator Forceps - 120mm	10	£89.50

PROACT PRO-Shears

Autoclavable Reusable

- Stainless steel construction
- Fully autoclavable up to 300 cycles or 138°C
- Washer / Disinfector compatible



Part No.	NPC	Description	Qty	Price
PROSHEARS	---	PROACT Autoclavable PRO-Shears - 190mm	10	£20.00

Terms and Conditions

PROACT Medical Ltd (The Supplier) Terms and Conditions for the Supply of Goods

1 Interpretation

1.1 Definitions. In these Conditions, the following definitions apply:

Business Day means a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.
Conditions means the terms and conditions set out in this document as amended from time to time in accordance with clause 11.6.
Contract means the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.
Customer means the person or firm who purchases the Goods from the Supplier.

Force Majeure Event means has the meaning given in clause 10.
Goods means the goods (or any part of them) set out in the Order.
Order means the Customer's order for the Goods, as set out in the Customer's purchase order form, the Customer's written acceptance of the Supplier's quotation, or overleaf, as the case may be. Specification means any specification for the Goods, including any related plans and drawings, that is agreed in writing by the Customer and the Supplier.
Supplier means Proact Medical Limited, a company registered in England and Wales under company number 03096460.

1.2 Construction. In these Conditions, the following rules apply:

- (a) A person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality).
- (b) A reference to a party includes its personal representatives, successors or permitted assigns.
- (c) A reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.
- (d) Any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.
- (e) A reference to writing or written includes faxes and Supplier acknowledged e-mail

2 Basis of Contract

- 2.1 These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.
- 2.2 The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification [submitted by the Customer] are complete and accurate.
- 2.3 The Order shall only be deemed to be accepted when the Supplier issues the first of either a written acceptance of the Order, Delivery Note or Invoice, at which point the Contract shall come into existence.
- 2.4 The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise, representation, assurance or warranty made or given by or on behalf of the Supplier which is not set out in the Contract.
- 2.5 Any samples, drawings, descriptive matter, or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.
- 2.6 Any quotation for the Goods given by the Supplier shall not constitute an offer. A quotation shall only be valid for a period of 30 Days from its date of issue unless otherwise stated in writing on the quotation.

3 Goods

- 3.1 The Goods are described in the Supplier's catalogue or on the Supplier's website, as modified by any applicable Specification.
- 3.2 To the extent that the Goods are to be manufactured in accordance with a Specification supplied by the Customer, the Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred by the Supplier in connection with any claim made against the Supplier for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Supplier's use of the Specification. This clause 3.1 shall survive termination of the Contract.
- 3.3 The Supplier reserves the right to amend the specification of the Goods if required by any applicable statutory or regulatory requirements.

4 Delivery

- 4.1 The Supplier shall ensure that:
 - (a) each delivery of the Goods is accompanied by a delivery note which shows the date of the Order, all relevant Customer and Supplier reference numbers and the type and quantity of the Goods, including the code number of the Goods, where applicable.
 - 4.2 The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree (Delivery Location).
 - 4.3 Delivery of the Goods shall be completed:
 - (a) where the Delivery Location is a location other than the Supplier's premises, on the Goods' arrival at the Delivery Location; or
 - (b) where the Delivery Location is the Supplier's premises, on the completion of loading of the Goods at the Delivery Location.
 - 4.4 Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
 - 4.5 The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods. Any other liability is only applicable if agreed separately and expressly in writing.
 - 4.6 If the Customer fails to take delivery of the Goods within three Business Days of the Supplier notifying the Customer that the Goods are ready (where the Delivery Location is the Supplier's premises) or fails to accept delivery of the Goods on the date that the Supplier attempts to deliver them (where the Delivery Location is somewhere other than the Supplier's premises), then, except where such failure or delay is caused by a Force Majeure Event or the Supplier's failure to comply with its obligations under the Contract:
 - (a) delivery of the Goods shall be deemed to have been completed at 9.00 am on the third Business Day after the day on which the Supplier notified the Customer that the Goods were ready (where the Delivery Location is the Supplier's premises) or at 9.00am on the date that the Supplier first attempted to deliver the Goods (where the Delivery Location is somewhere other than the Supplier's premises); and
 - (b) the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).
 - 4.7 If 10 Business Days after the day on which the Supplier first attempts delivery of the Goods or notifies that the Customer that they are available for collection (as the case may be) the Customer has not accepted or taken delivery of them, the Supplier may resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Customer for any excess over the price of the Goods or charge the Customer for any shortfall below the price of the Goods.
 - 4.8 The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate Contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.
 - 4.9 In the event that any Goods are damaged in transit, the Customer shall notify the Supplier of the nature of such damage (providing such evidence as the Supplier shall, acting reasonably, require) within three Business Days of delivery. The Supplier should be under no liability to replace any damaged Goods or refund the price paid for any damaged Goods unless such notification is made within the timescale referred to above.

5 Quality

- 5.1 The Supplier warrants that on delivery, and for a period of 12 months from the date of delivery or, if different, such period stated in any applicable Specification (warranty period), the Goods shall:
 - (a) Conform in all material respects with their description and any applicable Specification; and
 - (b) be free from material defects in design, material and workmanship.
- 5.2 Subject to clause 5.3, if:
 - (a) the Customer gives notice in writing to the Supplier during the warranty period within a reasonable time of discovery that some or all of the Goods do not comply with the warranty set out in clause 5.1;
 - (b) the Supplier is given a reasonable opportunity of examining such Goods; and
 - (c) the Customer (when approved to do so by the Supplier) returns such Goods to the Supplier's place of business at the Customer's cost after first contacting the Supplier for a Return Authorisation Number (RAN) which must be clearly marked on any returned goods outer packaging. Failure to use the Supplier's RAN System will result in any return goods being potentially rejected. See Supplier's Catalogue for Returns of Goods Procedure details or call Supplier for further information. The Supplier shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full. Any non-defective Goods returned due to ordering error must only be returned when approved for return by the Supplier and issued with a Return Authorisation Number (RAN). The Supplier reserves the right to refuse such returns and also may apply a minimum 15% restocking fee for any approved returns. Returns are only accepted and approved if they are in new condition, un-used, complete and with undamaged and un-marked packaging. Once they have been inspected as such by the Supplier, the Supplier may reject (or offer revised settlement value against) any returned goods that do not meet these requirements even if a RAN has been previously issued.
- 5.3 The Supplier shall not be liable for Goods' failure to comply with the warranty set out in clause 5.1 in any of the following events:
 - (a) the Customer makes any further use of such Goods after giving notice in accordance with clause 5.2;
 - (b) the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;
 - (c) the defect arises as a result of the Supplier following any drawing, design or Specification supplied by the Customer;
 - (d) the Customer alters or repairs such Goods without the written consent of the Supplier;
 - (e) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
 - (f) the Goods differ from their description or any applicable Specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.
- 5.4 Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 5.1.
- 5.5 The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.
- 5.6 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

6 Title and risk

- 6.1 The risk in the Goods shall pass to the Customer on completion of delivery
- 6.2 Title to the Goods shall not pass to the Customer until the Supplier has received payment in full (in cash or cleared funds) for:
 - (a) the Goods; and
 - (b) any other goods or services that the Supplier has supplied to the Customer [in respect of which payment has become due].
- 6.3 Until title to the Goods has passed to the Customer, the Customer shall:
 - (a) hold the Goods on a fiduciary basis as the Supplier's bailee;
 - (b) store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
 - (c) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
 - (d) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
 - (e) notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.2; and
 - (f) give the Supplier such information relating to the Goods as the Supplier may require from time to time, but the Customer may resell or use the Goods in the ordinary course of its business.
- 6.4 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 8.2, or the Supplier reasonably believes that any such event is about to happen and notifies the Customer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without limiting any other right or remedy the Supplier may have, the Supplier may at any time require the Customer to deliver up the Goods and, if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

Terms and Conditions

7 Price and payment

- 7.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force as at the date of delivery.
- 7.2 The Supplier may, by giving notice to the Customer at any time up to 3 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
- (a) any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
 - (b) any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or
 - (c) any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.
- 7.3 The price of the Goods is exclusive of the costs and charges of packaging, insurance and transport of the Goods, which shall be invoiced to the Customer.
- 7.4 The price of the Goods is exclusive of amounts in respect of value added tax (VAT). The Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Goods.
- 7.5 The Customer must pay for the Goods immediately following the Supplier's acceptance of the Order unless the Supplier has expressly agreed to provide credit to the Customer.
- 7.6 Where the Supplier has expressly agreed to provide credit to the Customer
- (a) the Supplier may invoice the Customer for the Goods on or at any time after the dispatch of goods; and
 - (b) The Customer shall pay the invoice in full and in cleared funds within 30 Days of the date of the invoice.
- 7.7 Payment of the price of the Goods shall be made to the bank account nominated in writing by the Supplier. Time of payment is of the essence.
- 7.8 If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above Lloyds Bank PLC's base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.
- 7.9 The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.

8 Customer's insolvency or incapacity

- 8.1 If the Customer becomes subject to any of the events listed in clause 8.2, or the Supplier reasonably believes that the Customer is about to become subject to any of them and notifies the Customer accordingly, then, without limiting any other right or remedy available to the Supplier, the Supplier may cancel or suspend all further deliveries under the Contract or under any other contract between the Customer and the Supplier without incurring any liability to the Customer, and all outstanding sums in respect of Goods delivered to the Customer shall become immediately due.
- 8.2 For the purposes of clause 8.1, the relevant events are:
- (a) the Customer suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or admits inability to pay its debts, or (being a company or limited liability partnership) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;
 - (b) the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where the Customer is a company) where these events take place for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;
 - (c) (being a company) a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer, other than for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;
 - (d) (being an individual) the Customer is the subject of a bankruptcy petition or order;
 - (e) a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;
 - (f) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer;
 - (g) (being a company) the holder of a qualifying charge over the Customer's assets has become entitled to appoint or has appointed an administrative receiver;
 - (h) a person becomes entitled to appoint a receiver over the Customer's assets or a receiver is appointed over the Customer's assets;
 - (i) any event occurs, or proceeding is taken, with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause (a)8.2(a) to clause 8.2(h) (inclusive);
 - (j) the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business;
 - (k) the Customer's financial position deteriorates to such an extent that in the Supplier's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy; and
 - (l) (being an individual) the Customer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation.
- 8.3 Termination of the Contract, however arising, shall not affect any of the parties' rights and remedies that have accrued as at termination. Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

9 Limitation of liability

- 9.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:
- (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
 - (b) fraud or fraudulent misrepresentation;
 - (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979;
 - (d) defective products under the Consumer Protection Act 1987; or
 - (e) any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.
- 9.2 Subject to clause 9.1:
- (a) the Supplier shall under no circumstances whatever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and
 - (b) the Supplier's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods.

10 Force majeure

Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

11 General

- 11.1 Assignment and other dealings.
- (a) The Supplier may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
 - (b) The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.
- 11.2 Notices.
- (a) Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post or other next working day delivery service, commercial courier, fax or acknowledged e-mail.
 - (b) A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 11.2(a); if sent by pre-paid first class post or other next working day delivery service, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed; or, if sent by fax one Business Day after transmission.
 - (c) The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

11.3 Severance.

- (a) If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.
 - (b) If any provision or part-provision of this Contract is invalid, illegal or unenforceable, the parties shall negotiate in good faith to amend such provision so that, as amended, it is legal, valid and enforceable, and, to the greatest extent possible, achieves the intended commercial result of the original provision.
- 11.4 Waiver. A waiver of any right or remedy under the Contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.
- 11.5 Third party rights. A person who is not a party to the Contract shall not have any rights to enforce its terms.
- 11.6 Variation. Except as set out in these Conditions, no variation of the Contract, including the introduction of any additional terms and conditions, shall be effective unless it is in writing and signed by the Supplier.
- 11.7 Governing law. The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with the law of England and Wales.
- 11.8 Jurisdiction. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with this Contract or its subject matter or formation (including non-contractual disputes or claims).
- 11.9 *Price Match. Only when and if offered in writing from time to time, the Supplier will beat or match any competitor's price for the exact same equivalent product except where limited special offers may be offered or if prices are linked to volume or time if different. This offer does not apply if the matched price is less than the Supplier's cost price or if a competitor is "dumping stock" for whatever reason, in the opinion of the Supplier.
- 11.10 Trade Marks. The Supplier recognises and respects the ownership of all Registered Trademarks contained within any Supplier Catalogues, Brochures, Marketing or Communication and herein to be the property of their respective owners and do not imply any endorsement or affiliation with the Supplier or any other company or person/s.

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PROACT Medical



All products are latex free

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All prices EXCLUDE VAT and Delivery.