



Stowood

Innovating sleep diagnostics since 1992

CATALOGUE 2022



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About Stowood

*Simplifying and supporting the diagnosis of sleep disorders
and improving access to services*

Stowood Scientific Instruments Ltd 'Stowood' is an Oxfordshire based technology company. We specialise in the design, development, manufacturing and support of equipment and software for the diagnosis of sleep disorders. We supply equipment for use across a wide range of settings for research, dedicated sleep laboratory and the home environment.

Constantly innovating

Our clinical customers sit at the heart of what we do. Our products are designed with their needs in mind and we strive to innovate and adapt as their needs change. Supporting our technology is a team of dedicated customer and technical support personnel.

Driven by clinical need

In order to provide our customers with a range of potential solutions for their particular practice and needs we actively seek out technology that will complement Stowood's.



Partner for success

We believe in supporting the clinical community through the design of technology that makes the diagnostic process easier for both clinician and potential patient and also through supporting the new clinical innovators and leaders of the future.



Understanding the need

Prior to the installation of in-hospital based diagnostic equipment we work hand-in-hand with your key stakeholders in order to determine a solution that best fits the needs of your service.

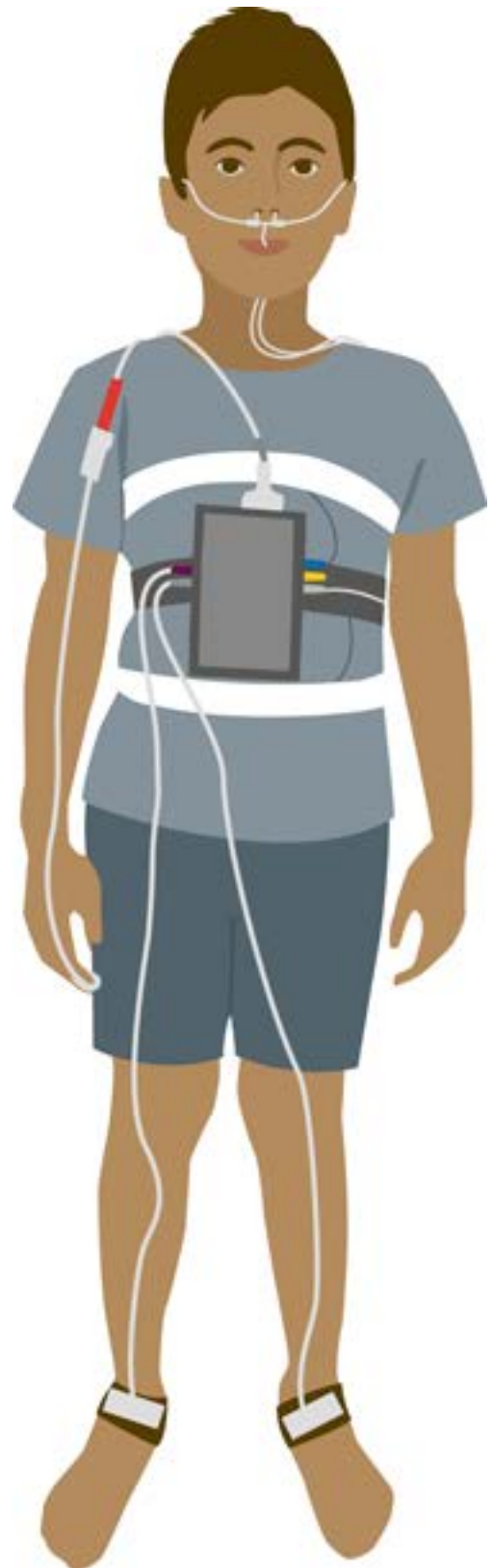
Design and configuration conversations can include consultants, physiologists, nurses, infection control, biomedical engineering, information technology and hospital procurement.

Tailored solutions

There are no “off the shelf” Stowood in-hospital polygraphy or polysomnography systems. Instead, we build every system to the specific needs of the hospital or unit. We can tailor the signals being collected, the method of transmission, the physical trolley on which the equipment is placed as well as the third party devices that the equipment needs to be able to communicate with.

Some examples of implementation of Stowood solutions include:

- Customised polysomnography equipment transport trollies to enable the expansion of a sleep service to non-dedicated rooms when beds are scarce
- Bespoke software development to enable Visi-Download to work with previously installed diagnostic equipment
- Complete installation of full polysomnography equipment for a multi-bed unit with integration with a central control room.



It's in the name

Foundations – simplified sleep diagnosis – improved access for patients

Stowood Scientific Instruments was formed in Oxford UK in 1992 by **Dr Lyn Davies** and a team of software, hardware and bioengineers. We were formed to develop easy to use technologies that would assist in the diagnosis of sleep and breathing disorders. The goal was to enable the use of diagnostic technologies beyond dedicated specialist services, as well as to support clinicians in their ongoing management of patients through the integration of a range of equipment within a single user interface.

Lyn, a bioengineering PhD, spent his early career in the NHS and in industry before becoming Research and Technical Manager at Oxford Medical in 1984. He remained at Oxford Medical until he formed Stowood. During his time at Oxford Medical the company was the UK's primary manufacturer of ambulatory and neurophysiological monitoring equipment. It was at Oxford Medical that Lyn developed his interest in sleep. Prior to Lyn's premature death in May 2013 he made a plan for Stowood to continue in the spirit that has always underpinned the business, and his successors are determined to maintain that spirit.



Constantly innovating

The first product from the Stowood stable was **Visi-Lab** for sleep apnoea/ PLMS (Periodic Limb Movement Screening) diagnosis, an easier and less intrusive alternative to polysomnography. The design of Visi-Lab was based on the latest research findings of Professors John Stradling in Oxford and Neil Douglas in Edinburgh. Their research had proved the utility of simpler equipment versus polysomnography, meaning that sleep diagnosis and resulting therapy could potentially be made available to far greater numbers of patients than ever before.



It's in the name

Have you ever wondered where the names of Stowood devices come from? Some companies select themes around which to build a family, whether that be music, space or simple numbers. At Stowood the selection of product names is a little more personal.

Lyn was a keen enthusiast of Vincent motorbikes and his passion included restoring some of these classics. It is hardly surprising that his two interests came together in the names he chose for his sleep diagnostic devices.

Starting with the **Grey Flash** ambulatory sleep recorder, and moving on to the Black Series, including the Black Shadow multi-channel sleep recorder, all can trace their names back to Vincent motorbikes.

The **Grey Flash** was in production between 1949 and 1952 and it was capable of 115mph from a 500cc, 35bhp engine so was extremely fast and lightweight. The Grey Flash was used in racing at Brands Hatch and The Isle of Man TT races.

The **Black Shadow** appeared in 1949 with a 998cc capacity. It included a new design of forks, the use of aluminium and a novel way of mounting the engine, all making it extremely quick. In 2005 it appeared as the 42p stamp in a range of British postage stamps celebrating the UK motorcycle industry - each motorcycle selected represented a significant technological step forward at the time: the Vincent Black Shadow was the fastest standard motorcycle in the world.



HOME SLEEP TESTS



Stowood Black Flash Black Flash Plus Black Shadow



Ambulatory monitors for diagnosis of simple and complex sleep problems

The **Black Shadow** data acquisition recording unit is the top of the range of our Visi 'Black' series.

For both sleep clinic and home use, the **Black Shadow** units offer a low cost of ownership and provide clinicians with extensive diagnostic capabilities, with analysis conducted by the Visi-Download diagnostic software.

The **Visi Black Shadow** gives all of the following signals:

- Meets and exceeds **AASM** recommendations for ambulatory sleep recorders
- Powerful analysis via Stowood 'gold standard' **Visi-Download** software
- Internal **Masimo** oximeter that works with reusable or disposable probes
- Fully **editable reports**, which can show any data or graph on any page
- Designed, manufactured, maintained and supported in the UK

For less demanding applications the **Visi Black Flash Plus** and **Visi Black Flash** recording units are also available.



The **Black Flash** screening device measures body movement, with calibrated sound level and high quality audio.

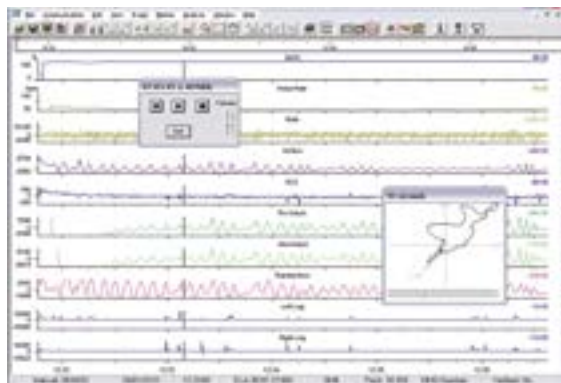
Black Flash Plus builds on Black Flash, adding oronasal flow (thermal), and thorax and abdomen respiratory effort.

Black Shadow — the complete system. Oximetry, nasal airflow (pressure), body position, body movement, calibrated sound level, high quality audio, oronasal flow (thermal), thorax and abdomen respiratory effort, ECG, left and right limb movement.

The **Black Shadow** can also be used in the sleep lab with synchronised IR video.



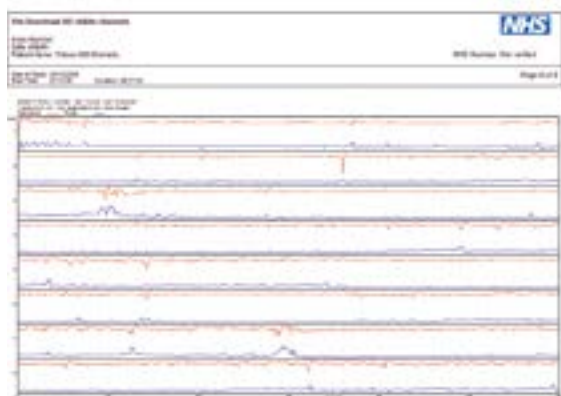
Raw waveform



Editable reports



Powerful analysis



Wide range of consumables & accessories



Technical specification

Dimensions	120 x 90 x 25 mm
Weight including batteries ..	<200 g
Power	Two AA standard or rechargeable NiMH batteries; virtually no power consumption when 'Off'
Sensors	Disposable nasal cannulae, reusable or single use Masimo oximeter probes, reusable thermistors, inductance belts, leg sensors or EMGs
Data storage	Removable SD card
Setup & waveform check	Bluetooth or wired setup
Software	Visi-Download including audio replay as used for oximeters & capnometers. Reports available in six languages
CE	CE 1639

	Visi Black Shadow	Visi Black Flash Plus	Visi Black Flash
Audio	*	*	*
SpO ₂	*	*	*
Pulse rate	*	*	*
Nasal airflow (pressure)	*	*	*
Oral/Nasal thermistery	*	*	*
Sound level (dB)	*	*	*
Snoring	*	*	*
Body position	*	*	*
Body movement	*	*	*
Patient event	*	*	*
Pleth. signal	*	*	*
Respiratory effort 2 Inductance or PVDF	*	*	
Leg EMG/mvt 2 EMG or Pz	*		
ECG	*		
Aux inputs	* (4)		
Wireless	*	*	*

Embla® Embletta® MPR PG



Economy of Scale

A family of amplifier/recorders that goes from the home to the lab in a “snap”

Bio-Sensor Auto Start

No lost recordings because a patient forgets to push a button

Add PSG

Need PSG?

Simply add the ST+ proxy for full PSG recording

Add wireless digital video and online recording

Need video or online recording?

Simply add the TX proxy and camera



Technical specification

	 Embletta® MPR PG	 TX Proxy Unit	 ST+ Proxy Unit
Sampling Rate (Hz)	8000	50	500
Storage Rate (Hz)	up to 500	up to 50	
Resolution (bit)	24	16	24
Recorded Channels	12; Pressure, Sound, Gravity (X/Y/Z), bipolar ExG, Thermistor, Thoracic Effort (RIP), Abdominal Effort (RIP), DC (0 – 1 V), Battery, Event Button	8; Differential Pressure, 6 x DC (-5/+5V), Ambient Light	16; EEG (C3, C4, F3, F4, O1, O2, M1, M2), EOG1, EOG2, EMG (ChinL, ChinC, ChinR, Right Leg, Left Leg), ECG
Recorded Channels Pulse Oximeter	7; SpO2, SpO2 B-B, SpO2 Quality, Pulse Rate, Plethysmogram, RD Quality, PPG	n/a	n/a
Derived Signals	7; Nasal Flow, Mask Pressure, Snore, Sound Amplitude, Body Position, Activity, Elevation (multiple additional traces derived by software)	Ability to record Flow/Pressure/Leak Data from various ResMed Therapy devices	EEG signals
Internal Memory	2 GB	2 GB	
Power Supply Properties	2 x AA batteries, standard alkaline or rechargeable	Mains powered	Uses Embletta's power
Recording Time	24 hours (typically)	n/a	13 hours (typically)
Size (length x width x height)	107 mm x 79 mm x 19 mm (3.9" x 2.8" x 0.4")	115 mm x 110 mm x 26 mm (4.5" x 4.5" x 1")	83 mm x 75 mm x 20 mm (3.2" x 2.9" x 0.78")
Weight	153 g (5.4 oz) including batteries	160 g (5.5 oz)	115 g (4.0 oz)
Typical Operating Temperature	16° C to 37° C (60° F to 100° F)		10° C to 40° C (50° F to 104° F)
Storage / Transfer Temperature	0° C to 50° C (30° F to 120° F)		0° C to 50° C (30° F to 120° F)
Wireless Link	Bluetooth Low-Energy	Bluetooth Low-Energy	
Device Classification MDD	Class 2a, Rule 10 Safety Approvals IEC 60601-1		

Service

Stowood is committed to providing exemplary service to our customers. Our dedicated and experienced Customer Service Team will assist with every aspect of an order. To support our products, we provide factory-trained specialists for on site support. Additionally, we provide an in-house Technical Support Team, staffed with experts. Allowing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

Supplies

Stowood offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated Customer Service Team provides a streamlined order and shipping process to save you time and money.

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LAB SLEEP TESTS



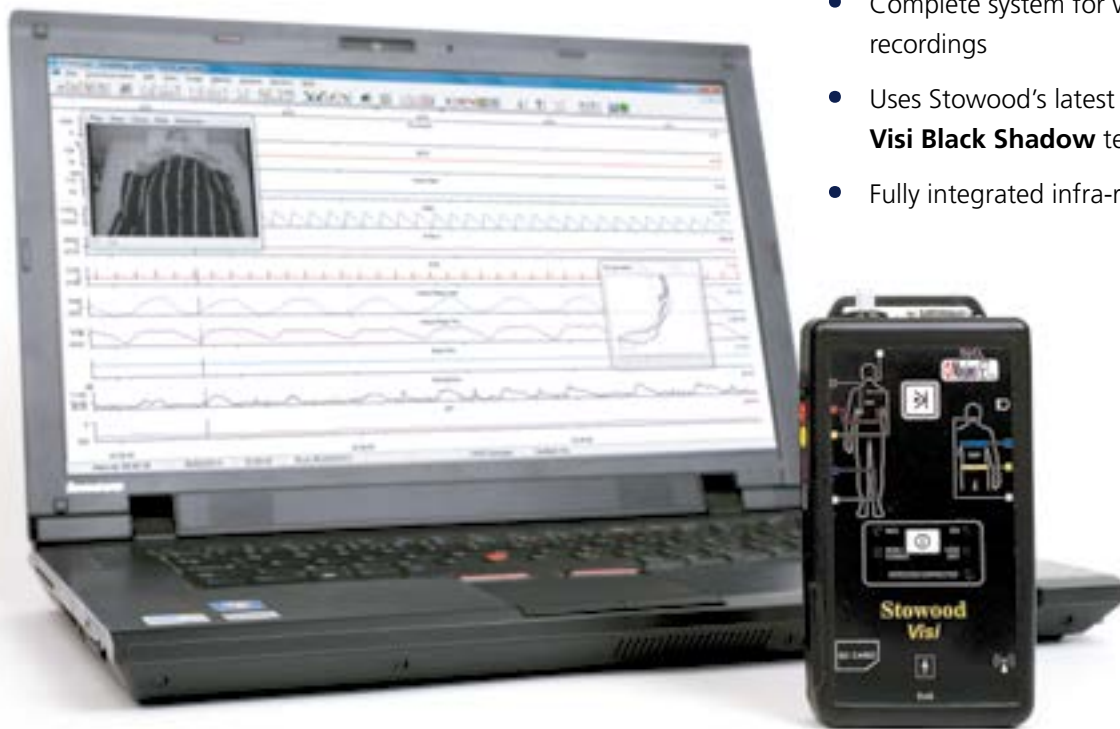
Stowood Visi-System



Wireless online sleep lab for patients with simple or complex sleep problems

The ideal lab-based system for patients with simple or complex sleep problems

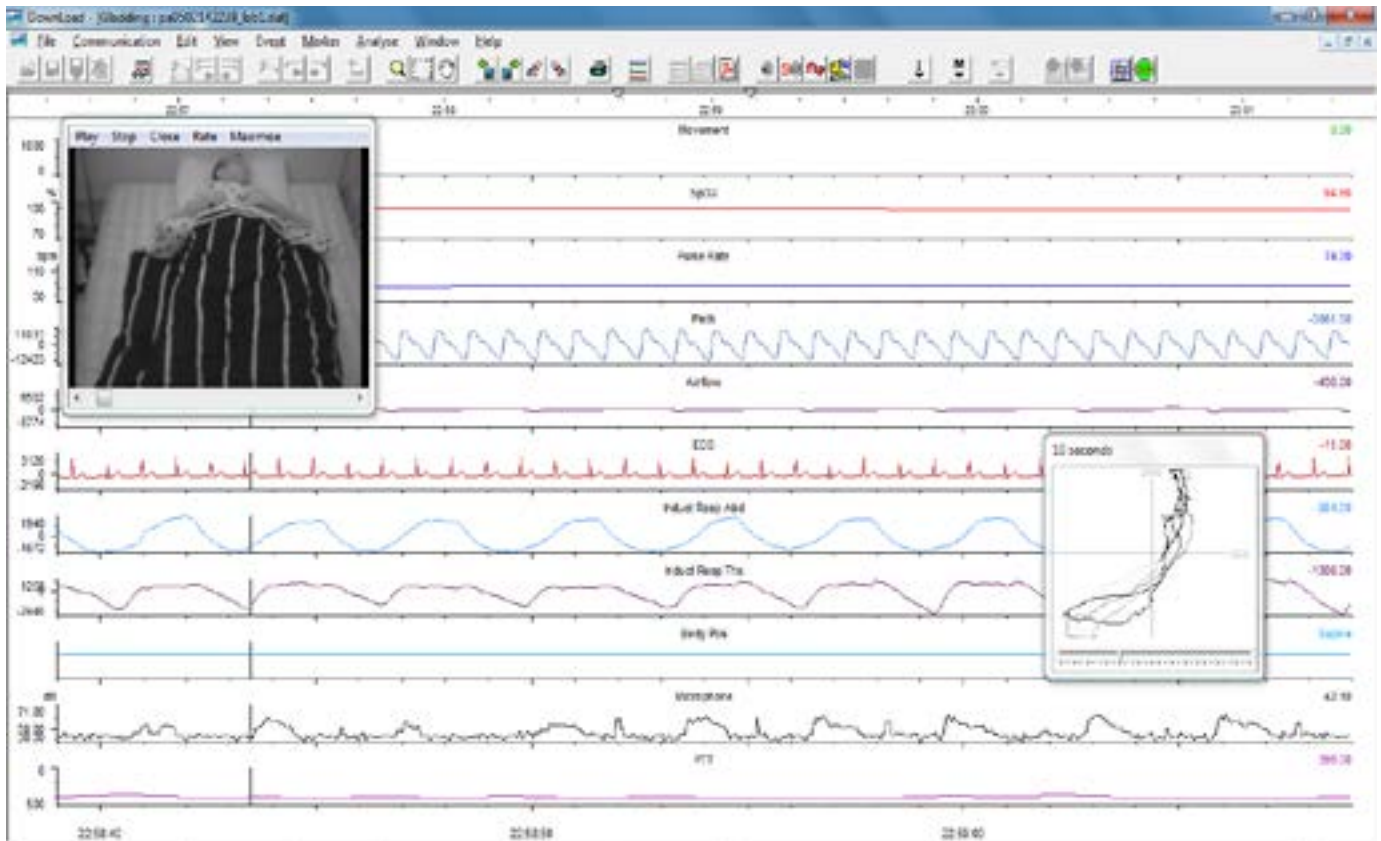
- Complete system for wireless online recordings
- Uses Stowood's latest **Visi Black Shadow** technology
- Fully integrated infra-red video



Stowood's **Visi-System** is easy to use, small, light, and robust. Data is wirelessly transferred to the computer during the night by Bluetooth via our industry-standard software, Visi-Download.

Data can be viewed immediately or stored for later, and can be backed up on DVD or network server. The system is highly economic, using only standard rechargeable AA batteries and low cost, reusable probes and sensors.





Technical specification

Patient unit dimensions	120 x 90 x 25 mm
Weight including batteries	<200 g
Power	Two AA rechargeable NiMH batteries; virtually no power consumption when 'Off'
Sensors	Disposable nasal cannulae, reusable or single use Masimo oximeter probes, reusable thermistors, inductance belts, leg sensors or EMGs
Data	Continuously transferred then stored on lab computer (and/or network and/or DVD)
Wireless setup & waveform check	Bluetooth
Software	Visi-Download including audio replay as used for oximeters & capnometers. Reports available in six languages: English, French, German, Italian, Spanish, Dutch

	Stowood Visi-System
Audio	*
SpO ₂	*
Pulse rate	*
Nasal airflow (pressure)	*
Oral/Nasal thermistry	*
Sound level (dB)	*
Snoring	*
Body position	*
Body movement	*
Patient event	*
Pleth. signal	*
Respiratory effort 2 inductance or PVDF	*
Leg EMG/mvt 2 EMG or Pz	*
ECG	*
Aux inputs	* (8)
Wireless	*



Embla® NDx



Versatile, advanced and superior PSG amplifier

The **Embla® NDx** recording system is a result of almost three decades of experience in the field of sleep medicine.

The system offers a high degree of flexibility and impeccable signal quality to meet the demanding needs of clinical work and research.

The **NDx** recorder is indispensable in a wide range of settings and represents the integration of advanced digital technology and precision engineering into an ergonomically designed PSG system..

- 64 channel amplifier with full 10/20 capability.
The top of the line in PSG recording.
- Interfaced with the Natus Base the NDx provides a wired solution for your PSG collection needs.
- Intuitive layout makes set up and night time interaction fast and efficient.



Advanced and superior

- Designed for routine and expanded sleep protocols, with up to 64 channels and full 10/20 EEG functionality
- Ideal for routine sleep studies and research applications

Versatile design

- The patient interface of the NDx consists of a lightweight Bedside Unit (which features quick-disconnect for easy patient mobility)
- The clinically enhanced NDx greatly reduces cabling requirements for signals such as respiratory effort, snoring, flow and SpO₂

Powerful, flexible PSG software

- Industry leading and AASM compliant PSG software
- Innovative tools to save time and optimize study quality
- Designed around common tasks and natural workflow
- Additional derived signals including flow, lung volume and RMI, when Embla® XactTrace effort belts are used

The Embla® sensor advantage

- Complete line of sensors and supplies available at www.stowood.com
- Unparalleled accuracy with Embla® XactTrace respiratory effort belts featuring XFlow™ - a reliable derived flow signal in the event of an absent or lost airflow signal
- Optimal sensor cable lengths available

Service

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Stowood Scientific Instruments Ltd,
Common Road, Beckley, Oxford OX3 9UP
Phone: +44 1865 358860



Technical specifications

- Total of up to 92 channels of recording including:
 - 40 referential channels (EEG, EOG) + 24 programmable
 - 12 differential channels
 - 6 respiratory channel inputs
 - 2 event channels
 - 16 DC channels
- Integrated impedance check
- Wide range of selectable sampling rates
- Integrated ambient light detector
- User selectable up to 4096 Hz
- NDx headbox includes built-in Nasal Pressure and optional three-dimensional Body Position Sensor

Derived tracings

- | | |
|--|-----------------------------|
| • Flow (nasal cannula) | • Heart rate (EKG) |
| • Snore (nasal cannula) | • Qualitative Tidal volume* |
| • Flow limitation / Flattening (nasal cannula) | • XFlow* |
| • R-R Intervals (EKG) | • X-Sum™* |
| • SpO ₂ average | • Phase* |
| • SpO ₂ beat-to-beat | • Respiratory rate* |
| • Pulse rate | • RMI* |
| • Pulse waveform | |

*XactTrace Belts

Communication interface

Natus Base specifications

- Supported with Embla® RemLogic PSG platforms
- Offers a high quality colour LCD screen for signal display
- Standard RJ45 ethernet connection
- Supports adult and paediatric studies
- 8 isolated auxiliary DC channels for external devices such as ETCO₂ and pH
- Allows digital video camera and sound

Supplies

Stowood offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated Customer Service Team provides a streamlined order and shipping process to save you time and money.

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Embla® SDx

Durable, reliable and easy-to-use PSG amplifier

The **Embla® SDx PSG** amplifier features a simplified design that includes a colour-coded input panel to optimize efficiency during the patient set up process.

This dual component system requires minimal cabling, has been specifically designed to complement workflow and complies with AASM guidelines.

The **Embla® SDx** is so robust and reliable, you will be expanding on this platform for years to come.

- The workhorse of the PSG lab. Intuitive and ergonomic design, this is the amp that will outperform your expectations.
- Interfaced with the Natus Base, the SDx provides a wired solution for your PSG collection needs.
- Flexible. Need more EEG? Just remove the SDx headbox from its cable and replace it with the NDx for full PSG with 10/20 EEG recording.
No need for dedicated rooms or equipment for expanded EEG sleep recordings.



Reliable and durable

- Designed to reject signal interference
- Records up to 39 channels
- Streamlined dual component design
- Minimized cabling increases patient comfort
- Integrated steel luer lock pressure transducer

Intuitive design

- Colour-coded input panel featuring patient layout
- Supports and accelerates the training process
- One step disconnect simplifies unhooking the patient
- 2-pin sensor inputs reduce hookup time and ensure polarity

Powerful, flexible PSG software

- Industry leading and AASM compliant PSG software
- Innovative tools to save time and optimize study quality
- Designed around common tasks and natural workflow
- Additional derived signals including flow, lung volume and RMI, when Embla® XactTrace effort belts are used

The Embla® sensor advantage

- Complete line of sensors and supplies available at www.stowood.com
- Unparalleled accuracy with Embla® XactTrace respiratory effort belts featuring XFlow™ -- a reliable derived flow signal in the event of an absent or lost airflow signal
- Optimal sensor cable lengths available

Service

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Phone: +44 1865 358860



Technical specifications

Channels

- 9 x EEG
- 2 x EOG
- 3 x EMG
- 1 x EKG
- 4 x General purpose
- 1 x Thermistor
- 1 x Snore
- 1 x Body position
- 2 x Respiratory effort
- 1 x Pressure transducer
- 1 x Oximeter
- 6 x Isolated DC channels + event channel

Derived tracings

- Flow (nasal cannula)
- Snore (nasal cannula)
- Flow limitation / Flattening (nasal cannula)
- R-R Intervals (EKG)
- SpO₂ Average
- SpO₂ Beat-to-beat
- Pulse rate
- Pulse waveform
- Heart rate (EKG)
- Tidal volume*
- XFlow*
- X-Sum™*
- Phase*
- Respiratory rate*
- RMI*

*XactTrace Belt

Sampling rates

- SDx samples up to 512 Hz
- Software allows user to select sampling rates by channel type

Communication interface

Natus Base specifications

- Supported with Embla® RemLogic PSG Platforms
- Offers a high quality colour touch screen for interfacing
- Standard RJ45 ethernet connection
- Supports adult and paediatric studies
- 6 isolated auxiliary DC channels for external devices such as ETCO₂ and pH
- Allows digital video camera and sound
- Event channel and night light

Supplies

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OXIMETERS, CAPNOGRAPHS



Viatom Checkme O2 MAX™



Smart wrist oximeter with 0.5 Hz memory function

*compatible with **Visi-Download** and with a **two year warranty***

The **Viatom Checkme O2 MAX™** is the next generation pulse oximeter for overnight monitoring of SpO₂ and pulse rate. Compatible with Visi-Download, the pulse oximeter uses a rechargeable battery and a revolutionary patented 'ring' pulse oximeter, for the best patient experience we have yet encountered.

- Four night recording memory
- Easy-to-clean, reusable ring sensor with **6 month warranty**
- Rechargeable battery
- Compatible with industry-standard Visi-Download (purchase may be required)
- Soft, comfortable silicone wrist strap, removable for cleaning
- Nail varnish? No problem! Sensor fits around base of thumb away from nails



The **Viatom Checkme O2 MAX™** is the next generation wrist-worn pulse oximeter.

Building upon the innovative design of the incredibly popular Checkme O2, Stowood have partnered with the manufacturer to bring **Visi-Download compatibility** to this brand new monitor.

With a simple wrist strap, single button, and combined download/charging cable, this device is easy to use and easy to clean.

The reusable ring sensor is the device's secret weapon - incredibly comfortable, you will probably forget you are wearing a monitoring device at all.





Small, light, with 72 hours' battery and room for four recordings.
Compatible with Visi-Download via the download/charging cable (included).

Patented ring sensor warranted for six months never comes off the patient's thumb, is comfortable and soft, and should lead to a better night's sleep than previous sensors (included).

This new Checkme O2 MAX uses the same sensors as the previous Checkme O2, and is backwards compatible with the Checkme O2 download cable and Visi-Download Viatom software download module (supplied separately). Standard Checkme O2 oximeters will still need the old download cable.

Technical specification

Recorded channels	SpO ₂ , pulse rate, motion
Dimensions	50 x 39 x 13 mm
Weight including batteries	25 g (main unit)
Power	Internal rechargeable batteries. 72 hours expected for typical recording parameters. Uses standard USB charger.
IP rating.....	IP22
Blood oxygen level range.....	70 – 99%
Pulse rate range	30 – 250 bpm
Blood oxygen accuracy	80 – 99%: ±2%, 70–79%: ±3%
Pulse rate accuracy.....	±2 bpm or ±2%
Sensors	Ring sensor included as standard. Soft tip sensor, paediatric soft sensor, single patient foam and neonatal non-woven SpO ₂ sensors available. Sensors are compatible with Checkme O2 and Checkme O2 MAX
Data storage	Internal memory holds four ten-hour recordings
Setup & signal check	Via OLED screen
Software	Visi-Download as used for oximeters and capnometers. Reports available in six languages
CE	Viatom holds CE 0197
Cleaning	Wrist strap and sensors are removable for cleaning via standard methods
Warranty	24 months from Stowood on main unit, 6 months on probes

viatom

Shenzhen Viatom Technology Co., Ltd.
 4E, Building 3, Tingwei Industrial Park, Baoan District, 518100 Shenzhen, P.R.China



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Viatom Oxysmart NB



Fingertip spot check pulse oximeter

- Artefact removal and anti-motion
- Splash proof and drop resistant
- Accurate and sensitive
- Compatible with industry standards



"We purchased 200 of Stowood's Oxysmart spot check oximeters to use during the COVID-19 crisis. The oximeters worked well, and are a reliable and cost effective choice.

We have since recommended Stowood's products to other Trusts."

Dr Amy Dewar

*Consultant in Respiratory Medicine
(COPD / Integrated Respiratory) and GIM
Guy's and St Thomas' NHS Foundation Trust*





- OLED display of SpO₂, PR, PI, pulse bar and waveform
- Special design that's splash-proof and drop-resistant
- Spot check and continuous measuring mode
- Audible and visual alarm with low battery indication
- Screen that rotates to show information at different angles
- Package includes oximeter, lanyard, carry bag and instructions

Technical specification

SpO₂:

Transducer.....	Dual-wavelength LED sensor
Range	35% – 100%
Accuracy	≤ 2% from 70% to 100%

Pulse Rate:

Range	30bpm – 240bpm
Accuracy	±2bpm or ±2%

Default Alarm Limit:

SpO ₂ low limit	90%
Pulse rate	High: 120bpm / Low: 50bpm

Power supply	2 x AAA alkaline battery
Perfusion Index (PI)	Display range: 0%-20%
Data storage	Up to 12 groups
Measuring mode	30s spot check and continuous mode
Pulse rate analysis (spot check mode)	12 types preset analysis

Operation:

Temperature	+5°C – +40°C
Atmospheric pressure	70kPa~106kPa
Relative humidity.....	30% – 80%

Transport and Storage:

Temperature	-20°C – +55°C
Atmospheric pressure	50.0kPa – 107.4kPa
Relative humidity.....	10% – 93%

viatom

Shenzhen Viatom Technology Co. Ltd.
4E, Building 3, Tingwei Industrial Park, Baoan
District, 518100 Shenzhen, P.R.China



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Nonin

WristOx₂ 3150 BLE

*Wrist worn pulse oximeter compatible with
Visi-Download and with a three year warranty*

Engineered with Nonin Medical's proven PureSAT® SpO₂ technology, the **WristOx₂ 3150** with BLE delivers highly accurate readings in a wide range of patient populations and settings. Compatible with Visi-Download, the pulse oximeter uses AAA batteries and standard oximeter sensors, when standard sensors are required.

- Small size wears like a watch, with large display screen and enhanced sensor connector design
- Easy-to-clean, reusable standard soft tip, sensor with 6 month warranty
- Excellent for many clinical applications such as the six-minute walk test and overnight sleep studies
- Compatible with industry-standard Visi-Download (purchase may be required)
- Soft, comfortable fabric wrist strap, removable for cleaning
- 1,080 hours of non-volatile memory at a four-second sampling rate with additional high resolution variable sampling options of one or two seconds



The **Nonin WristOx₂ BLE** is the next generation Nonin 3150 series wrist-worn pulse oximeter.

Stowood have worked with Nonin to bring **Visi-Download compatibility** to this nice little monitor.

With a simple wrist strap, single button and download cable, this device is easy to use and easy to clean.

The WristOx₂ Model 3150 with BLE is ideal for applications including ambulatory monitoring, remote wireless monitoring and overnight studies—providing the versatility and reliability that clinicians expect from Nonin.





Small, light, with 44 hours' battery and room for 270 hours of data. Compatible with Visi-Download via the download cable (supplied separately).

Technical specification

Recorded channels	SpO ₂ , pulse rate
Dimensions (without sensor or strap)	56 mm wide x 74 mm high x 20 mm thick
Weight including batteries and strap	71 g (main unit)
Oxygen Saturation Range (%SpO ₂).....	0% to 100%
Pulse Rate Range.....	18 to 321 pulses per minute

Accuracy:

Blood Oxygen Saturation (%SpO ₂ ±1 Arms)*	70 - 100%
Non-motion	± 2 digits**
Low perfusion	± 2 digits**
Motion	± 3 digits***
Pulse Rate (in all 3 listed above)	± 3 digits**
Power	Two 1.5v alkaline AAA batteries. 44 hours expected for typical recording parameters
Sensors	Soft tip sensor included as standard. Soft tip sensor, paediatric soft sensor, single patient foam and neonatal non-woven SpO ₂ sensors available
Data storage	Internal non-volatile memory holds up to 270 hours @ 1 sec. data storage rate
Software	Visi-Download as used for oximeters and capnometers. Reports available in six languages
CE	Nonin holds CE 0123
Cleaning.....	Wrist strap and sensors are removable for cleaning via standard methods
Warranty	36 months from Stowood on main unit, 6 months on probes



Nonin Medical, Inc. 13700 1st Avenue North Plymouth, MN • 55441-5443 • USA



Stowood Scientific Instruments Ltd,
Common Road, Beckley, Oxford OX3 9UP
Phone: +44 1865 358860

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SOFTWARE



Stowood Visi-Download



Download, analysis, and reporting software for oximeters and capnometers

Visi-Download provides powerful multi-channel playback and analysis of sleep and six-minute walk tests. Developed over 25 years, **Visi-Download** interfaces with a wide range of devices, reducing training time for downloading, analysing, and interpreting results.



- Easy to use, fully automated package, supplied via the internet or on CD
- Single interface works with devices from multiple manufacturers
- Individually configurable analyses and reports
- High quality graphics
- Full statistical analysis

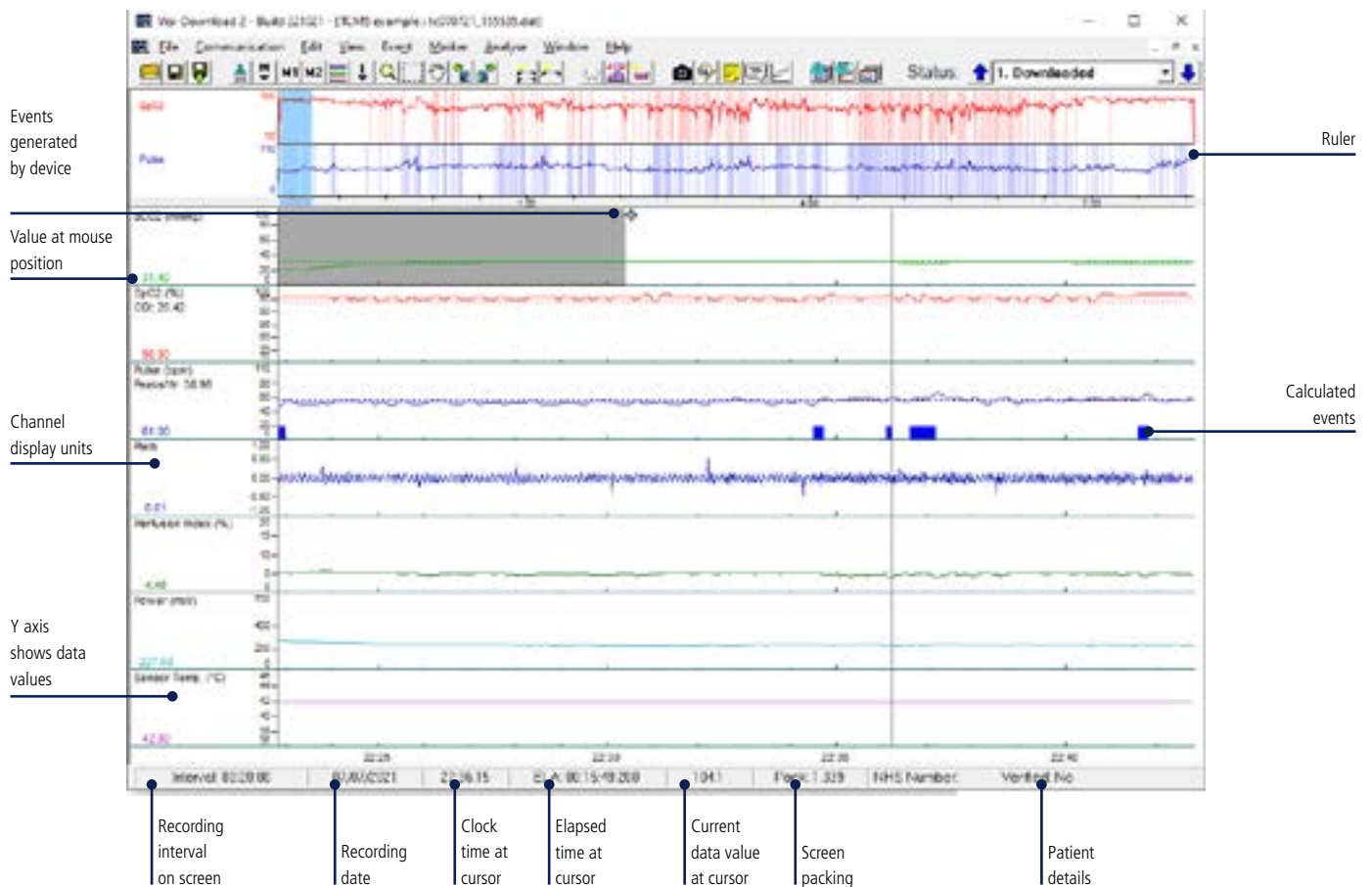
Visi-Download is available for many pulse oximeters, PCO_2 , ETCO_2 , PO_2 , and other monitors, and in seven European languages.

The 'gold standard' of download and reporting software, **Visi-Download** is in daily use in hospitals worldwide. Trial version available.



Easily review traces before analysing

Visi-Download has simple but powerful tools to review and mark recordings before creating an analysis or report.

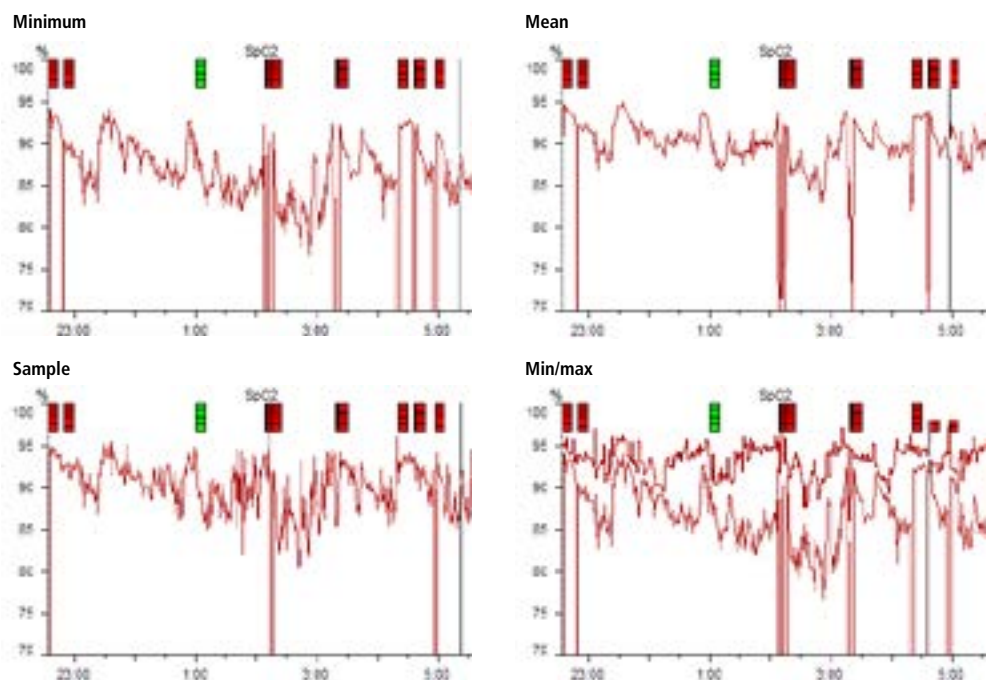


Powerful display modes allow better visualisation of data

Visi-Download incorporates varied methods of displaying data to further your analysis.

Data traces can be displayed via six different statistical methods (minimum, maximum, mean, sample, min/max, envelope), chosen automatically depending on signal type.

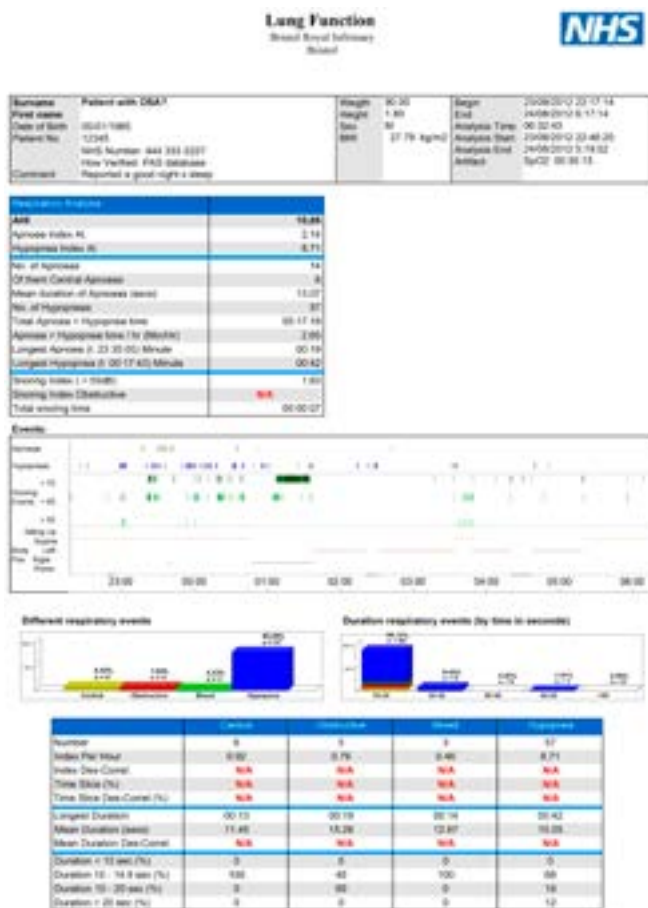
This permits a wider visualisation of data.



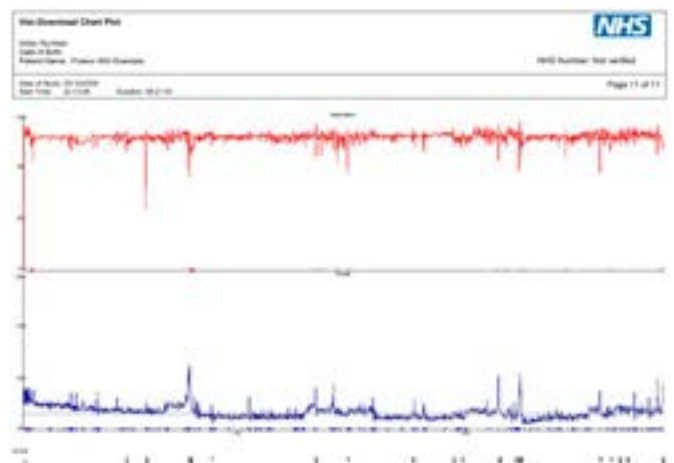
Built-in report templates

Visi-Download comes complete with a wide range of report templates with which to display recording data. These can each be customised, and examples are shown below.

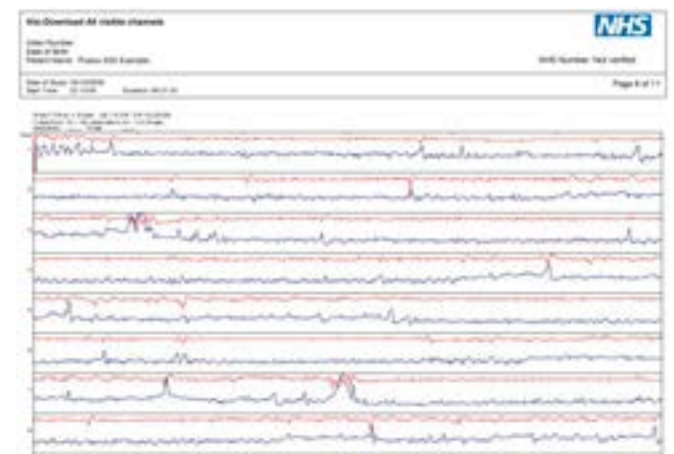
Summary page with events excluded



Whole night per sheet



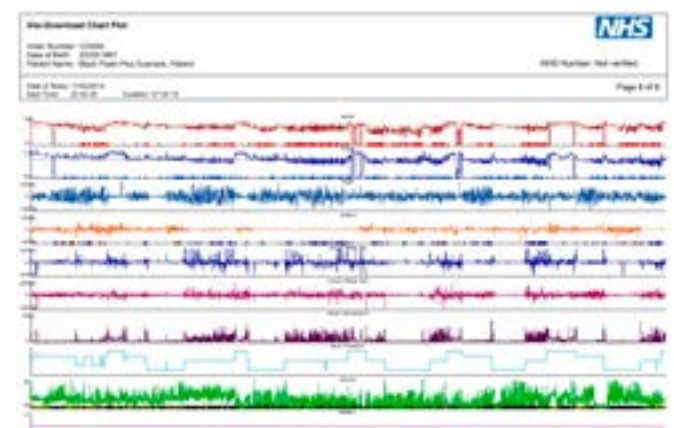
One line per hour



Varied visualizations

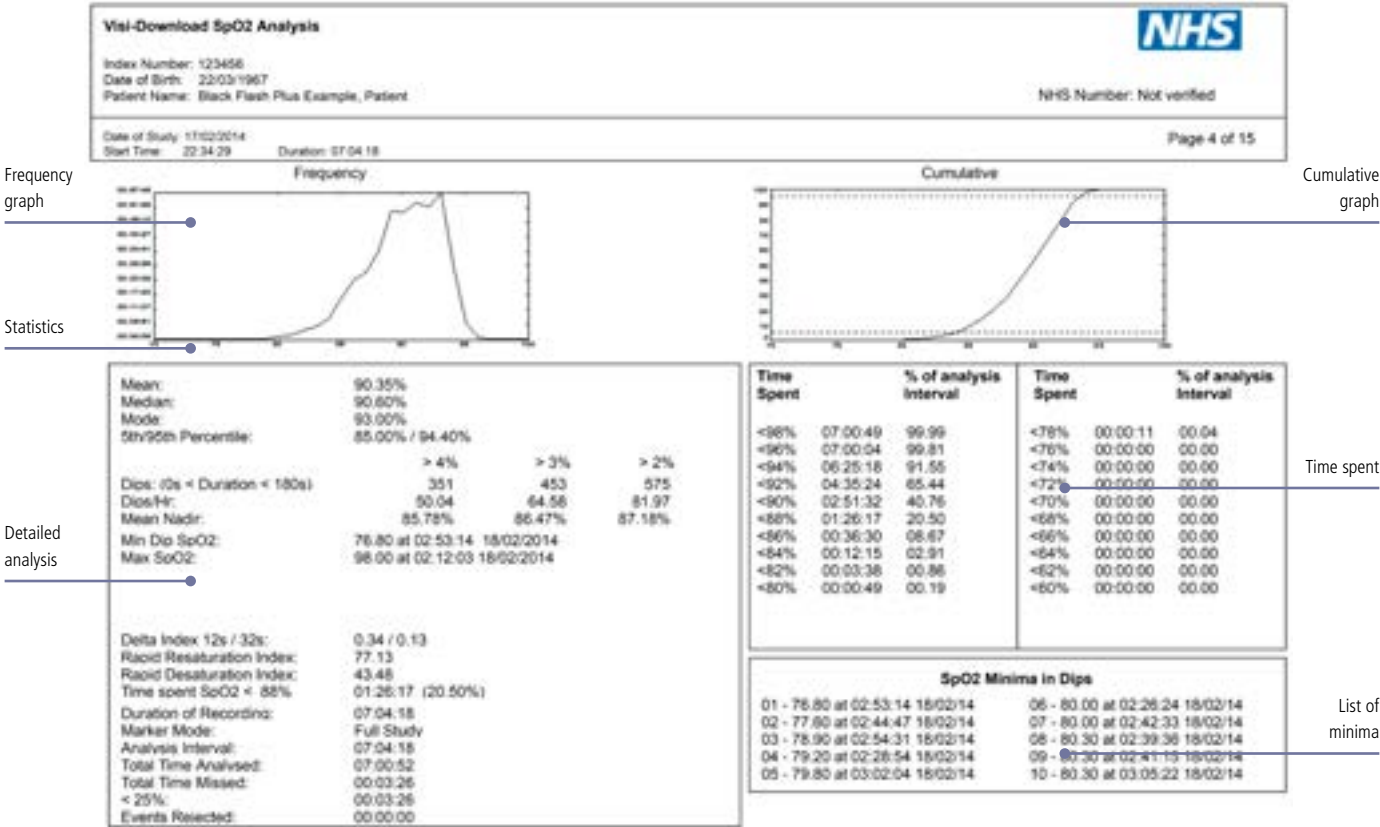


Multiple traces

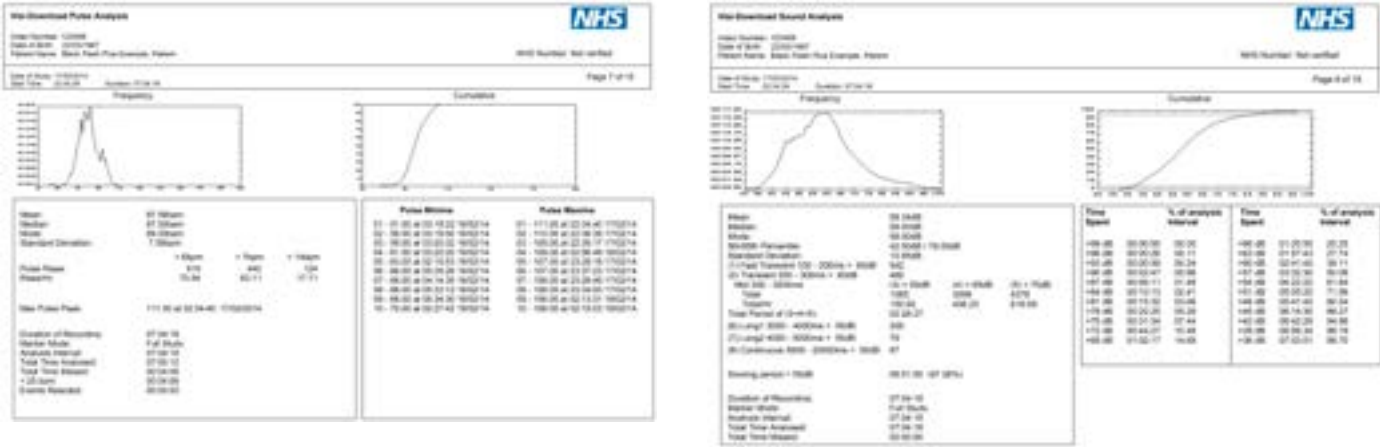


Deep analysis of data for a better diagnosis

As part of report generation, Visi-Download routinely performs deep analysis of the recording data. This analysis and the reports can be customised, but examples of the analysis are shown below.



List of dips & minima
Sound analysis including fast transients
And many others



Six-minute walk test reports

Visi-Download has two walk test reports built-in - the Endurance Shuttle Walk Test, and the Incremental Shuttle Walk Test. These can be modified to suit the clinician's needs.

6 Minute Walk Test (6MWT) 

Patient Name: Smithtest, Joantest		NHS Number: Not verified	
Index number: 547647			
Date of Birth: 16/12/1979			
Date of Study: 27/09/2006	Start Time: 9:45:00	Duration: 00:11:18	
Sex: F	Age: 26 yrs	Height: 1.57 m	Weight: 53.00 kg
		BMI: 21.50	

Test #: 1	Systolic BP (mmHg): 120
End Borg: 2	Diastolic BP (mmHg): 80
Distance (m): 500	Pre Borg: 0.5

Duration < 6min:	Supp. O2 req: N
- Flow (L/min):	- Delivery Device:
- Transport Mode:	

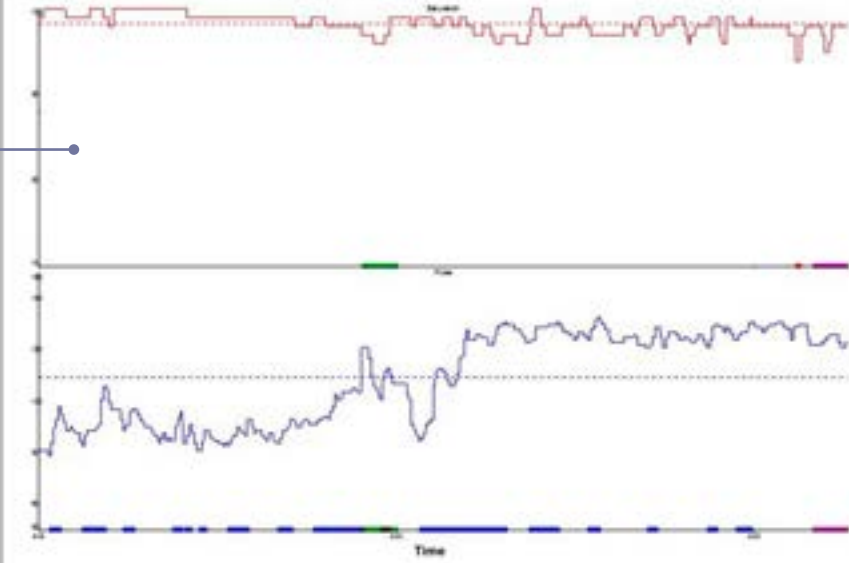
Stop/pause < end: N	Other symptoms-end:
- reason:	

Pre SpO2 (%): 97.07	Pre Pulse Rate (bpm): 110.60
End SpO2 (%): 97.40	End Pulse Rate (bpm): 123.47
Min SpO2 dip: 94.00 at 09:55:34 27/09/2006	

Distance walked

Oximetry during test

Data traces



Comments
healthy patient

Free text input

Key features

Multi-**device**, multi-**language** program: Visi-Download gets you away from dedicated, simplistic manufacturers' own offerings or limited report generating software.

Presentation with customisable quality graphics: view the signals **any way you like** (full control over scales, time axes, compression). Create, save, and easily apply your preferred methods of viewing.

Device **events** are marked on traces using colour-coding (e.g. low perfusion, artefact etc.), and these or other periods may be excluded from analysis automatically or manually.

Full statistical analysis: desaturations, pulse rise and CO₂ analyses are configurable, with high quality graphics and data tables - including Delta Index and Rapid Resaturation analyses.

Event confirmation and editing: events (e.g. low perfusion, artefact etc.) may be viewed and fully edited in any time axis.

Data management

Select recordings on the PC or archive by reverse chronological order, alphabetically, AHI, device recorded with, or using search facility by patient name/ID."

Import data from simultaneous recordings, including actimetry and snoring.

Artefact and cut-off **rejection**, easily adjustable axes, user set montages, editable detected events. **Export** all or selected period/channels of data to **database or spreadsheet** (Text, Excel, Matlab, Access, EDF formats).

Combining of interrupted recordings, or splitting of recordings on more than one subject and saving separately.

Comments, diagnoses may be entered at the keyboard for printing. Timesaving "**Download, analyse and print in one**" feature.

72 day capability for long-term oximetry.

Reports may be **configured** for the hospital/lab (headings, pages, axes etc.) and printed in B&W or colour, on screen, on paper in international (e.g. A4 or US letter page sizes) and as PDF files for computer faxing or emailing. Uses metric or US measurements and dates in any Windows format.

Analysis

Printed reports, traces, headings, pages, analysis features can be chosen and configured for the hospital/lab. SpO₂, pulse rate, PCO₂, and other analyses include:

Distribution and cumulative graphics (axes adjustable)

Mean, Median, Mode, Minima, SD

5th/ 95th %iles, dip rates (3 settable levels)

Mean nadir

Delta Index

Rapid Resaturation & Desaturation Indices

Time below xx%, lowest saturation etc.

Automated LM and PLM analysis

Computer requirements

Microsoft Windows™ 7/ 10 with USB port. "

300 MB for installation file.

Compatible devices*

Manufacturer	Devices
Bitmos	sat 801, 801+, 805, 816, 901, 901+
Creative	PC-68B
Konica Minolta	Pulsox 300i
Masimo	Rad-5, Radical-7, Radical-7 Touch, Rad-8, Rad-9, Rad-97, Rad-97 with ETCO ₂
Mindray	PM60
Nonin	3150 WristOx2 Bluetooth, RespSense II, LifeSense II, 3150 WristOx2 BLE
Radiometer.	TCM4, TCM TOSCA, TCM5 USB, TCM5 Network
Sentec	SDMS CO ₂
Stowood	Grey Flash, Black Flash, Black Flash Plus, Black Shadow, Visi-System
Viatom	Checkme O2, Checkme O2 MAX

* Devices are continually being added. Contact us if you're interested in adding your device to this list.

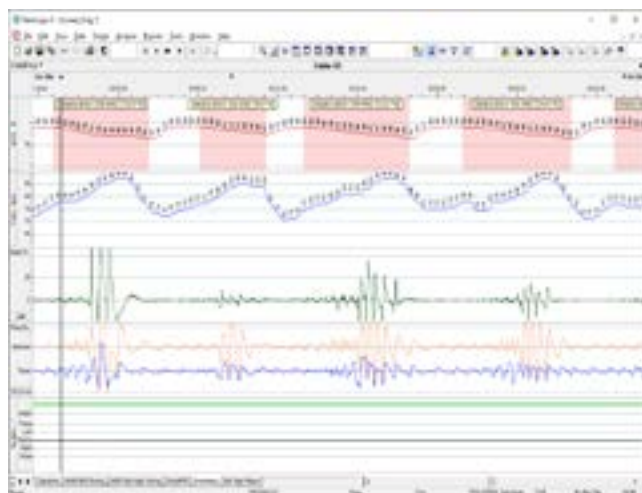
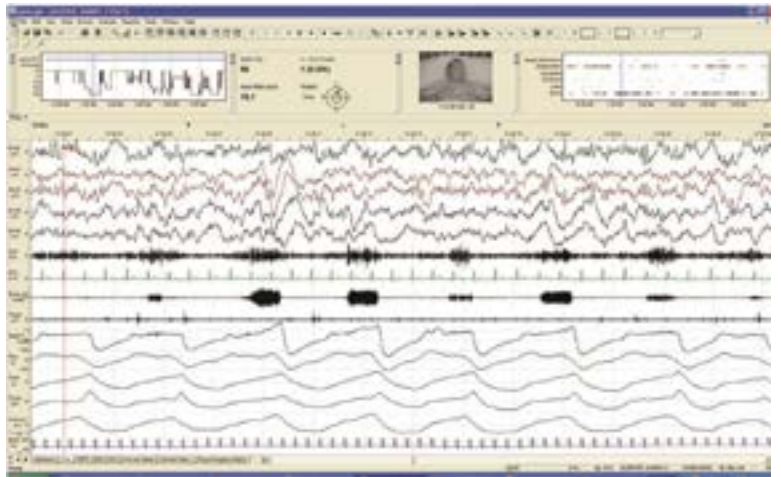


Embla® RemLogic™



Sleep diagnostic software for Natus recorders

Embla® RemLogic sleep diagnostic software is a dynamic platform that offers the perfect combination of innovation and ease of use. RemLogic is ideal for all study types, ranging from the basic detection of obstructive sleep apnoea to more complex studies that require additional EEG and DC channels. RemLogic exceeds the American Academy of Sleep Medicine (AASM) scoring criteria and contains an abundance of customizable options that allow you to tailor data acquisition and scoring preferences to best suit your needs. RemLogic also offers time-saving tools that streamline workflow and maximize efficiency.



- A unique and configurable user interface with Analysis Views and Dashboards that make data navigation and review a breeze.
- Full support for all Embla® amplifiers. From the new scalable MPR Sleep System (Level IV to Level I) to the Embla® NDx, RemLogic offers one interface for all your PSG and Home Sleep Testing needs.



Seamless digital interface to ResMed Therapy devices

- Automatic detection of therapy type and settings
- No additional configuration required
- Therapy titration reporting offers PAP and titration statistics

Powerful and flexible software

- Score studies with more efficiency than ever with customizable right-click event scoring menus, single-click event placement, and channel-assigned event placement
- Patient charting tool to automate paper charts
- Customize initial, collection, and summary observation charts
- Schedule prompts for entering specific information in collection observations chart
- Enter and view patient observations in pop up box that appears at selected intervals
- Exceeds American Academy of Sleep Medicine's guidelines for staging and events
- Designed to complement natural workflow during collection and scoring of data
- Data trends, single-sheet overview, and event lists for quick reference of raw data and scored events
- Derived signals such as XFlow™, XSum™ and RMI when Embla® XactTrace™ respiratory belts are used
- Powerful export/import tools

Reports

- A number of predefined or customizable reports can be generated and exported including:
- Polysomnography report containing either software detected or user defined events
- Sleep stage report
- PLM, titration, paediatric
- Reports exported in multiple file formats including PDF, TXT, RTF, EDF, or ASCII II

Service

Stowood is committed to providing exemplary service to our customers. Our dedicated and experienced Customer Service Team will assist with every aspect of an order. To support our products, we provide factory-trained specialists for on site support. Additionally, we provide an in-house Technical Support Team, staffed with experts. Allowing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

Versatile data acquisition choices for RemLogic

- **Embla RemLogic** now supports the Natus Base for SDx and NDx, the MDrive Wireless Communication Unit in both the N7000 and S4500 amplifiers. The Natus Base offers a high quality colour LCD screen for signal display, convenient for bedside bio-calibration and impedance checks, and networking setup.
- **Embla® NDx™** The result of over a decade of experience in the field of sleep medicine, this 92 channel amplifier offers a high degree of flexibility and impeccable signal quality to meet the demanding needs of clinical work and research. The NDx amplifier represents the integration of advanced digital technology and precision engineering into an ergonomically designed PSG system.
- **Embla® SDx™** Features a simplified design that includes a colour-coded input panel to optimize efficiency during the patient set up process. This 32 channel, dual component system requires minimal cabling, has been specifically designed to complement workflow, and complies with AASM guidelines.
- **Embletta® MPR System** with modular flexibility allows for the collection of Level 4 to Level 1 recordings. The Embletta® MPR System can be used for Out of Centre, Ambulatory or Level 1 PSG.

Supplies

Stowood offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated Customer Service Team provides a streamlined order and shipping process to save you time and money.

*Embla® NDx, SDx and MPR include a one-year hardware warranty.

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Natus® Sleepworks™



Sleep diagnostic software for Natus recorders

Natus SleepWorks is a comprehensive, flexible and cyber-secure sleep diagnostic solution that simplifies the setup, collection, review, analysis and reporting of comprehensive sleep studies. With advanced HIS/EMR integration and unmatched reliability, SleepWorks is a complete diagnostic package designed to meet the needs of private practice clinics, sleep clinics, hospitals and academic medical centres.

Enhanced workflow for sleep studies

- Ongoing study parameters at the forefront in a configurable Heads Up Display
- Configurable observation notes – automate tech notes with custom form fields and flexible reporting
- Analyze and review an ongoing studies, including video
- Capture PAP treatment and supplemental O₂ levels easily using customizable therapy types that simplify titration and reporting

Intuitive clinical experience

- Powerful event detection, trending and analysis options with fully synchronized HD video
- Record data directly to a server and access studies from any networked station
- Reduce size of archived files using advanced clipping and pruning features
- Use the Natus Database to quickly locate patient studies based on a variety of custom parameters



What's new in SleepWorks

- Windows® 10 Support
- New hardware platform
- Improved central administrator functions
- Automated observation notes
- EDF/EDF+ import and export



SleepWorks provides unmatched reliability and fault tolerant distributed networking solutions

Robust security features

- Meets HIPAA requirement via additional XLSecurity layer
- Define access to features, studies and programs based on logged-in user or role
- Automated power recovery
- Microsoft® BitLocker® drive encryption support

Site management tools for enhanced productivity

- Enhanced security features with Active Directory integration
- Credentials cache system
- Automated site-wide software deployment with optional Cerebrum Enterprise Solution

A new cutting-edge hardware platform bringing together long standing reliability and advanced technology

Natus' new hardware platform is inspired by a rich heritage of expertise, drawing from our top sleep brands. The amplifiers consist of two main parts, a breakout box and a wall or cart mounted universal Natus Base Unit.

Breakout Box features

- Small, rugged and lightweight amplifiers
- Powered sensor inputs
- Integrated pressure sensor
- Integrated pulse oximeter
- Up to 103 channels

Natus Base unit features

- Touchscreen display for real time interaction with ongoing studies
- Visual impedance checking and adding notes
- Perform bio-calibrations while in the patient room
- Universally compatible with several Natus EEG/PSG amplifier breakouts

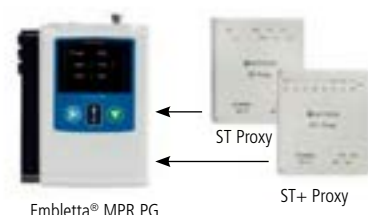
Full range of powerful amplifiers:



Standard sleep testing with **Embla® SDx**



Advanced neuro-sleep monitoring with **Embla® NDx**



Now integrated with **Embletta® MPR** Scalable Sleep System

Service

Stowood is committed to providing exemplary service to our customers. Our dedicated and experienced Customer Service Team will assist with every aspect of an order. To support our products, we provide factory-trained specialists for on site support. Additionally, we provide an in-house Technical Support Team, staffed with experts. Allowing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

Supplies

Stowood offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated Customer Service Team provides a streamlined order and shipping process to save you time and money.

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CONSUMABLES

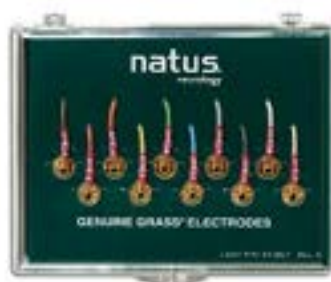


EEG ELECTRODES

Grass® Gold & Silver Reusable Cup Electrodes

Genuine Grass® Reusable EEG Cup Electrodes

- Each Genuine Grass Electrode undergoes rigorous mechanical and electrical testing to assure long life
- Unsurpassed recording clarity and dependability
- Choice of 10mm diameter cast cups in gold, silver or 6mm diameter gold cast cups
- Choice of three unique, versatile 1.5mm touchproof connectors
- Choice of lightweight or tangle-free lead wires; both include Kevlar® strands for added strength
- Compatible with steam and EtO sterilization
- Ten lead wire colours: 



Part Number	Cup Type	Wire Length & Type	Connector Type	Quantity
F-E5GH-12	10mm Gold with 2mm hole	12" (0.31m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-24	10mm Gold with 2mm hole	24" (0.61m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-30	10mm Gold with 2mm hole	30" (0.76m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5GH-120	10mm Gold with 2mm hole	120" (3.05m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E6GH-48	6mm Gold Ped with 1.5mm hole	48" (1.22m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
F-E5SH-72	10mm Silver with 2mm hole	72" (1.83m) Lightweight Teflon	Moulded 1.5mm touchproof	10/box
FH-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FD-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FS-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5GH-120	10mm Gold with 2mm hole	120" (3.05m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box
FS-E5SH-60	10mm Silver with 2mm hole	60" (1.52m) No-Tangle Silicone	Moulded 1.5mm touchproof	10/box



Heavy 24k Gold plate over pure silver cast cup



Pure, solid Silver cast cup, burnished for a smooth finish



Heavy 24k Gold plate over pure silver



EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

Grass® Reusable EEG Stamped-Cup Electrodes

- Choice of gold, silver or Ag/AgCl 10mm cups
- Paediatric 6mm Ag/AgCl cup available
- No-lift contour adjustable cup neck for low profile
- Moulded plastic 1.5mm touchproof connector
- Six lead wire colours: two each: 

Part Number	Cup Type	Lead Length	Quantity
019-477500	10mm Gold	39" (1.0m)	12/pkg
019-477600	10mm Gold	59" (1.5m)	12/pkg
019-478600	10mm Gold	79" (2.0m)	12/pkg
019-477700	10mm Gold	98" (2.5m)	12/pkg
019-477800	10mm Silver	39" (1.0m)	12/pkg
019-477900	10mm Silver	59" (1.5m)	12/pkg
019-478700	10mm Silver	79" (2.0m)	12/pkg
019-478800	10mm Silver	98" (2.5m)	12/pkg
019-478400	10mm Ag/AgCl	39" (1.0m)	12/pkg
019-478500	10mm Ag/AgCl	59" (1.5m)	12/pkg
019-478900	10mm Ag/AgCl	79" (2.0m)	12/pkg
019-479000	10mm Ag/AgCl	98" (2.5m)	12/pkg
019-479100	6mm Ag/AgCl Paediatric	59" (1.5m)	12/pkg



Reusable "Tangle Free" 10mm EEG Cup Electrodes

- Choice of gold, silver or Ag/AgCl cups
- Moulded plastic electrode hub for sure grip and easy electrode placement
- Moulded plastic 1.5mm touchproof connector
- Six lead wire colours: two each: 

Part Number	Type	Lead Length	Quantity
019-414400	Gold	39" (1.0m)	12/pkg
019-413900	Gold	59" (1.5m)	12/pkg
019-433800	Gold	98" (2.5m)	12/pkg
019-414600	Silver	39" (1.0m)	12/pkg
019-414100	Silver	59" (1.5m)	12/pkg
019-417600	Ag/AgCl	39" (1.0m)	12/pkg
019-417700	Ag/AgCl	59" (1.5m)	12/pkg



Natus® Reusable "Tangle Free" 6mm Paediatric EEG Cup Electrodes

- Choice of gold or silver cups
- Moulded plastic electrode hub for sure grip and easy electrode placement
- Moulded plastic 1.5mm touchproof connector
- Six lead wire colours: two each: 

Part Number	Type	Lead Length	Quantity
019-772500	Gold	39" (1.0m)	12/pkg
019-772600	Gold	59" (1.5m)	12/pkg
019-772100	Silver	39" (1.0m)	12/pkg
019-772200	Silver	59" (1.5m)	12/pkg



EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes



Grass® Disposable EEG Cup Electrodes

- Wide, flat rim rests gently on skin
- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- Pack of 10:
 10 lead wire colours: yellow, red, orange, blue, purple, brown, green, white, gray, black
- Pack of 25:
 12 lead wire colours: black, white, red, blue, yellow, green, orange, gray, brown, purple, light blue, pink, plus 1 extra white

Part Number	Type	Lead Length	Connector Type	Quantity
019-477200	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	10/pkg
019-477300	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	10/pkg
019-477400	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	10/pkg
019-479200	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	10/pkg
027920	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	25/pkg
027921	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	25/pkg
027922	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	25/pkg
027923	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	25/pkg



Grass® Disposable EEG Deep-Cup Electrodes

- Holds 50% more paste; good choice for LTM
- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- Pack of 10:
 10 lead wire colours: yellow, red, orange, blue, purple, brown, green, white, gray, black
- Pack of 25:
 12 lead wire colours: black, white, red, blue, yellow, green, orange, gray, brown, purple, light blue, pink, plus 1 extra white

Part Number	Type	Lead Length	Connector Type	Quantity
023146	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	10/pkg
023147	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	10/pkg
023148	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	10/pkg
023149	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	10/pkg
027924	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	25/pkg
027925	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	25/pkg
027926	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	25/pkg
027927	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	25/pkg



Genuine Grass® Reusable Ear Clip Electrodes

- Pair of 10mm cup electrodes mounted in a plastic clamp
- Two ear clip electrodes per package; black lead wires

Part Number	Type	Lead Length	Connector Type	Quantity
F-E34DG-48	10mm Gold	48" (1.22m)	1.5mm touchproof connector	1 pair/box
F-E34DG-72	10mm Gold	72" (1.83m)	1.5mm touchproof connector	1 pair/box
F-E34DS-48	10mm Silver	48" (1.22m)	1.5mm touchproof connector	1 pair/box



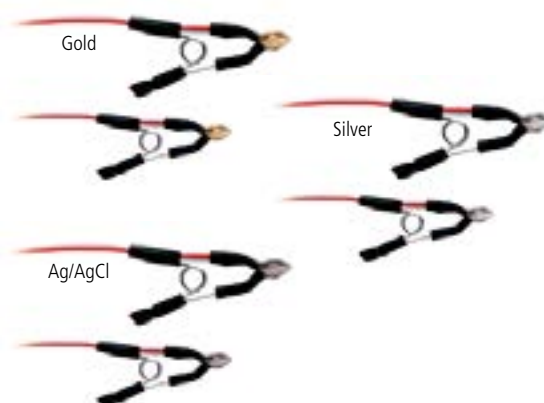
EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

Natus® Reusable Ear Clip Electrodes

- Pair of electrodes mounted on a spring-steel clamp
- Two ear clip electrodes per package; one red and one blue lead wire

Part Number	Type	Lead Length	Connector Type	Quantity
101224	10mm Gold	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101223	6mm Gold	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101204	10mm Silver	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101203	6mm Silver	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
019-405500	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
019-405400	6mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg



MR Conditional Electrodes

- Convenient, time saving and cost effective
- Stay in place during Magnetic Resonance Imaging scans (MRIs); quickly reconnect to resume EEG after imaging
- Produce artefact-free MRI images
- Use with Ten20 or comparable conductive adhesive paste
- Twelve colour-coded MR Conditional electrodes and extension cables per pack
- Non-MR Conditional extension cables terminate in 1.5mm female touchproof connectors at instrument end
- Can be used with magnetic fields ranging from 1.5 to 3.0 Tesla
- Clearly marked with MR Conditional symbols for easy identification by radiology staff
- Optional 017437 LeadLock organizes leads and facilitates easy, accurate connection

Colour Group 1 (1 – 12)



Colour Group 2 (13 – 24)



Disposable MR Conditional Cups

Part Number	Type	Lead Length	Colour Group	Quantity
017429	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017430	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017431	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017432	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg

Disposable MR Conditional Deep Cups

Part Number	Type	Lead Length	Colour Group	Quantity
017433	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017434	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017435	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017436	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg

Disposable MR Conditional PressOn

Part Number	Type	Lead Length	Colour Group	Quantity
017438	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017439	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017440	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017441	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg

LeadLock™

- Organizes MR Conditional EEG Cup, Deep Cup and PressOn Electrodes

Part Number	Description	Quantity
017437	1 set of 2 LeadLocks	1 set/pkg



EEG ELECTRODES

Electrode Caps

waveguard™ original Head Caps

- Ag/AgCl electrodes ensure quality and flexibility for a wide range of applications
- Available with 23, 64, 128 or 256 active EEG electrodes, plus reference and ground
- Direct connection to Natus Quantum amplifier pin boxes; adapter terminating in 1.5mm touchproof connectors also available
- Coolmax™ breathable fabric for enhanced comfort and short drying times; easy to use and maintain



HC0017
waveguard
256-channel
original
(medium)



021122

021125



021126



021127

Size	Head Cap Sizing Fits Head Circumference (Range)
Baby	14.2-15.4" (36-39cm)
Infant	15.4-16.9" (39-43cm)
Child	16.9-18.5" (43-47cm)
Small	18.5-20.1" (47-51cm)
Medium	20.1-22.1" (51-56cm)
Large	22.1-24.1" (56-61cm)

waveguard original head caps							
Part Number	Size	Fabric Colour L, C & R	Description	Compatibility	Electrode Type	Layout	Quantity
021115	Large	• • •	23-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (68-pin connector), unless optional 022390 adapter used*	Sintered Ag/AgCl	International 10-20 Electrode Placement	1/pkg
021114	Medium	• • •					
021113	Small	• • •					
021112	Child	• • •					
021110	Infant	• • •					
021304	Baby	• • •					
021121	Large	• • •	64-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (68-pin connector), unless optional 022390 adapter used*	Sintered Ag/AgCl	10-10 Electrode Placement	1/pkg
021120	Medium	• • •					
021119	Small	• • •					
021118	Child	• • •					
021117	Infant	• • •					
021116	Baby	• • •					
HC0016	Large	• • •	128-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (2 x 68-pin connector), unless optional 022390 adapter used*	Sintered Ag/AgCl	10-5 Electrode Placement	1/pkg
HC0015	Medium	• • •					
HC0014	Small	• • •					
HC0013	Child	• • •					
HC0018	Large	• • •	256-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (4 x 68-pin connector), unless optional 022390 adapter used*	Sintered Ag/AgCl	Equidistant Electrode Placement	1/pkg
HC0017	Medium	• • •					

waveguard original accessories		
Part Number	Type/Description	Quantity
022390	Adapter from Quantum 68-pin bulk connector to standard 1.5mm DIN 42802 touchproof connectors	1/pkg
021122	Replacement chin strap with clips for head cap, length 0.8-5.5" (2-14cm)	1/pkg
021123	Fastfix quick repair/insert electrode for waveguard original cap; 78.7" (2m) cable, touchproof connector	1/pkg
021124	Chin pad for patients with pressure sensitivity. 70mm x 120mm, 1mm thick (Alternative to 021122)	1/pkg
021125	Blunted Needle, 18G x 1.0" (2.54cm) Cannula, Luer Lock, stainless steel, aluminum hub, disposable, sterile	25/pkg
021126	Monoject™ Syringe, 6ml, Luer Lock, disposable, for gel application	50/pkg
021127	Optional chest belt with connection to head cap, shoulder strap length 11.8-20.5" (30-52cm); adjustable chest strap length up to 27.6" (70cm)	1/pkg
122-407000	Electro-Gel™, 16oz (473ml)	1/pkg



EEG ELECTRODES

Electrode Caps

waveguard™ connect Head Caps

- waveguard connect: excellent choice for everyday EEG applications
- 21 active EEG electrodes, plus reference and ground
- Convenient connection to all EEG systems is achieved with optional adapters to individual 1.5mm touchproof connectors
- Coolmax™ breathable fabric for enhanced comfort and short drying times; easy to use and maintain

waveguard connect head caps						
Part Number	Size	Fabric Colour L, C & R	Description	Electrode Type	Layout	Quantity
021131	Large	● ● ●	Each head cap features 21 channels + reference & ground and includes a chin strap.	Tin	International 10-20 Electrode Placement	1/pkg
021132	Medium	● ● ●				
021133	Small	● ● ●				
021134	Child	● ● ●	Standard output is a DB25 connector; amplifier connection requires an adapter (sold separately; see below). 90-day warranty			
021135	Infant	● ● ●				
021136	Baby	● ● ●				
waveguard connect adapters:						
Required except with Natus Brain Monitor and NDX, which interface directly with the waveguard DB25 connector. Exception: Brain Monitor iX variant requires an adapter included in the BOM of the device.						
021128	Adapter for Xltek and other EEG amplifiers not addressed below; DB25 male connector to individual touchproof connectors, 12.2" (31cm) cable length					1/pkg
085-481300	Adapter for Nicolet v32 and v44 amplifiers					1/pkg
503171NE	Adapter for Schwarzer/Deltamed Brainbox 1042 EEG amplifier (International only; not available in the US or Canada)					1/pkg
685018	Epas cap adapter for Schwarzer amplifier with normal layout					1/pkg
685022	Epas cap adapter for Schwarzer amplifier with inverted layout					1/pkg



waveguard connect accessories		
Part Number	Type/Description	Quantity
021122	Replacement chin strap with clips for head cap, length 0.8-5.5" (2-14cm)	1/pkg
021124	Chin pad for patients with pressure sensitivity; 70mm x 120mm, 1mm thick (Alternative to 021122)	1/pkg
021125	Blunted Needle, 18G x 1.0" (2.54cm) Cannula, Luer Lock, stainless steel, aluminum hub, disposable, sterile	25/pkg
021126	Monoject™ Syringe, 6ml, Luer Lock, disposable, for gel application	50/pkg
021127	Optional chest belt with connection to head cap, shoulder strap length 11.8-20.5" (30-52cm); adjustable chest strap length up to 27.6" (70cm)	1/pkg
021130	Repair kit for waveguard connect head caps includes: repair electrode set, top screw for waveguard electrode, wide silicone ring, electrode label set, fixation tool, solder	1/pkg
122-407000	Electro-Gel™, 16oz (473ml)	1/pkg
122-409100	Electro-Gel™, 128oz (3785ml)	1/pkg

Size	Head Cap Sizing Fits Head Circumference (Range)
Large	22.1-24.1" (56-61cm)
Medium	20.1-22.1" (51-56cm)
Small	18.5-20.1" (47-51cm)
Child	16.9-18.5" (43-47cm)
Infant	15.4-16.9" (39-43cm)
Baby	14.2-15.4" (36-39cm)



EEG ELECTRODES

Electrode Caps

Universal Head Cap Systems

- Fully adjustable head caps assure personalized fit
- Wide range of adult and paediatric sizes
- Specialized electrodes and other components



9013E1142



9013E1312

Part Number	Type/Description	Quantity
9013E1122	Head Cap - Silicone Rubber - Transparent, 20cm, Infant	1/pkg
9013E1132	Head Cap - Silicone Rubber - Transparent, 24cm, Child	1/pkg
9013E1142	Head Cap - Silicone Rubber - Transparent, 30cm, Small Adult	1/pkg
999-200000	Head Cap - Silicone Rubber - Transparent, 34cm, Medium Adult	1/pkg
9013E1152	Head Cap - Silicone Rubber - Transparent, 40cm, Large Adult	1/pkg
9013E1232	Head Cap - Silicone Rubber - Transparent, 26cm	1/pkg
9013E1242	Head Cap - Silicone Rubber - Transparent, 28cm	1/pkg
9013E1252	Head Cap - Silicone Rubber - Transparent, 32cm	1/pkg
9013E1262	Head Cap - Silicone Rubber - Transparent, 37cm	1/pkg
9013E1712	Electrode Ear Clip, adjustable tension, Ag/AgCl, 1m lead	2/pkg
9013E1312	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	21/pkg
9013E1322	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	5/pkg
9013E1352	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	21/pkg
9013E1362	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	5/pkg
9013E1372	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	21/pkg
9013E1382	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	5/pkg
9013E1512	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	21/pkg
918300	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	10/pkg
9013E1522	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	5/pkg



EEG CAPS

Integrated Head Cap Systems

BraiNet® Disposable EEG Set-up Template

- Eliminates measuring and marking electrode positions
- Colour-coded design allows ICU/ER staff to set-up quickly and accurately
- Adjustable elastic assures symmetry/correct electrode placement

Part Number	Type	Quantity
The following Original BraiNet has 14 scalp electrode placement locations		
022212	BraiNet Template/Adult/Child, Medium, 54cm-57cm	1/pkg
022213	BraiNet Template/Adult/Child, Large, 57cm-62cm	1/pkg
The following Baby BraiNet has 14 scalp electrode placement locations		
019-438400	BraiNet Template Baby 25-29cm	1/pkg
019-438500	BraiNet Template Baby 29.5-33cm	1/pkg
019-438600	BraiNet Template Baby 33.5-37cm	1/pkg
019-438700	BraiNet Template Baby 37.5-41cm	1/pkg
019-438800	BraiNet Template Baby 41.5-45cm	1/pkg
The following allows for full 10/20 placement with 19 recording electrode locations, plus electrode locations for ground and reference:		
019-438900	BraiNet Template 10/20 XSmall, 45.5-49cm	1/pkg
019-439000	BraiNet Template 10/20 Small, 49.5-54cm	1/pkg
019-439100	BraiNet Template 10/20 Child, 54.5-57cm	1/pkg
019-439200	BraiNet Template 10/20, Adult, 57.5-62cm	1/pkg



Disposable EEG Disc Electrodes for BraiNet® Templates

- Colour-coded to match BraiNet templates
- Each set of electrodes are packaged in four convenient packs: LEFT, RIGHT, REF,

Part Number	Type/Description	Quantity
105590	Disposable EEG Disc Electrodes for BraiNet Original & Baby Templates	16/pkg



CORTICAL STIMULATION

Cortical Stimulation Probe



Natus® Disposable Cortical Stimulation Probe

- 15'(4.6m) cable terminating in touchproof connectors
- Bipolar probe for functional brain mapping in the operating room
- 5mm distance between probe heads, 2.2mm gold-plated ball tips

Part Number	Type	Lead Length	Quantity	Compatibility
222-496100	Cortical Stimulator Probe	15'(4.6m)	1/pkg	Nicolet Cortical Stimulator

ANCILLARY EEG SUPPLIES

Electrode Lead Extensions, Linkers/Jumpers, Lead Wires, Adapters



Reusable Touchproof Extension Cables

Reusable touchproof male to touchproof female lead extension cables
Six colours: green, blue, yellow, red, purple, gray

Part Number	Type	Lead Length	Quantity
019-431500	Extension Cables	39" (1m)	6/pkg
019-401100	Extension Cables	79" (2m)	6/pkg



3" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends

Part Number	Type	Lead Length	Quantity
1451020	Jumpers/Linkers	3" (8cm)	4/pkg



6" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends
- Three per set; one each red, black, green

Part Number	Type	Lead Length	Quantity
102108	Jumpers/Linkers	6" (15cm)	3/pkg



20" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends
- Six per set; one each pink, gray, purple, blue, green, yellow

Part Number	Type	Lead Length	Quantity
019-433000	Jumpers/Linkers	20" (51cm)	1 set of 6/pkg



ANCILLARY EEG ITEMS

Electrode Lead Extensions, Linkers/Jumpers, Lead Wires, Adapters

Reusable Jumper/Linker Cable

- One recessed 1.5mm male touchproof to fifteen insulated female touchproof connectors
- Approximately 1.25" (4cm) between connectors, 18" (46cm) overall length

Part Number	Type	Lead Length	Quantity
11250	Jumpers/Linkers	18" (46cm)	1/pkg



Reusable Jumper/Linker Cable

- Two recessed 1.5mm male touchproof to one insulated female touchproof connector

Part Number	Type	Lead Length	Quantity
019-420100	Jumpers/Linkers	4" (10cm)	1/pkg



Touchproof Adapter

- Converts an unprotected 2mm male pin into a 1.5mm insulated female touchproof connector

Part Number	Type	Quantity
1451010	2mm male pin to 1.5 female touchproof	10/pkg



Touchproof Adapter

- Converts an insulated 1.5mm female touchproof connector to an unprotected 2mm male pin

Part Number	Type	Quantity
140420	1.5 female touchproof to 2mm male pin	10/pkg



ANCILLARY EEG ITEMS

Ancillary EEG Supplies



Electrode & Cable Holder

- Ideal for hanging electrodes or cables
- Rugged, steel construction with holes for easy mounting
- 11" (27cm) rack has 10 tines with 0.45" (1.1cm) spacing

Part Number	Type	Quantity
016-400700	Electrode Holder	1/pkg



ElectroBoot Sleeve for Electrode Wires

- Increases electrode life by reducing tangling, knotting and bending of electrode wires
- Washable and reusable

Part Number	Type	Lead Length	Quantity
105189	ElectroBoot	30" (0.75m)	1/pkg
105190	ElectroBoot	48" (1.22m)	1/pkg



The Electrode Claw

- Specifically designed for easy removal of those hard-to-extract electrodes from amplifiers and headboxes
- Reduces wear and tear on expensive electrodes as well as your fingers

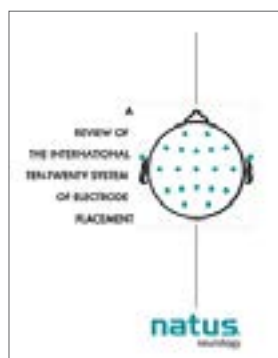
Part Number	Type	Quantity
105808	The Electrode Claw	1/pkg

EDUCATIONAL AIDS

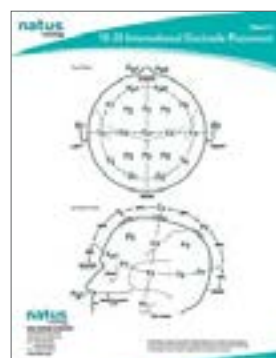
Electrode Placement Educational Material

- Reviews the International 10-20 System of electrode placement

Part Number	Type	Quantity
EDBOOK1	10-20 Booklet	1/pkg
EDCHART1	10-20 Chart	1/pkg



10-20 Booklet



10-20 Chart



Frequency Ruler

Part Number	Type	Quantity
EDAID1	Frequency Ruler	1/pkg



SENSORS

RIP Respiratory Effort Belts

Natus® XactTrace® Respiratory Effort Systems

XactTrace is a comprehensive family of respiratory inductance plethysmography (RIP) effort belt systems, providing a range of sizes and solutions, in both Universal and Embla versions.

System options include:

- 1 Reusable (see pages 49, 50)
- 2 Single Use Cut-to-Fit (see pages 51, 52)
- 3 Single Use Pre-sized (see pages 52, 53)

XactTrace® Reusable Universal Kit – Belts, Kits & Components

- For use with non-Embla PSG systems
- Reusable, one size fits all
- Integrated battery power; no cumbersome in-line modules



1

XactTrace Universal Belts & Belt Kits*					
Part Number	Type/Description	Length	Connector	Quantity	Compatibility
91421091	XactTrace Universal Kit – Complete (includes abdomen & thorax belts, abdomen & thorax snap sensors, two universal cables)	n/a	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
91421080	XactTrace Universal Abdomen Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
91421081	XactTrace Universal Thorax Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
91421040	XactTrace Adjustable Universal Belt	26-78" (66-200cm)	n/a	1/pkg	
XactTrace Universal Snap Sensors					
91421026	XactTrace Universal Snap Sensor - Abdomen	n/a	n/a	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
91421027	XactTrace Universal Snap Sensor - Thorax	n/a	n/a	1/pkg	
XactTrace Universal Cable					
91451080	XactTrace Universal Cable	92.5" (235cm)	1.5mm touchproof	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors

*Also compatible with Embla SD32 systems

XactTrace® Reusable Belts for Embla® Systems

- Plugs directly into Embla PSG systems; no additional modules required
- Low profile lock assures patient comfort
- Small, medium and large sizes available



1 XactTrace Reusable Belts				
Part Number	Belt Type/Description	Cable Length/Connector	Quantity	Compatibility
91421032	Small Abdomen, 22" (57cm) to 41" (104cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
91421033	Small Thorax, 22" (57cm) to 41" (104cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
91421034	Medium Abdomen, 33" (83cm) to 56" (142cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
91421035	Medium Thorax, 33" (83cm) to 56" (142cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium

Table continued on next page



SENSORS

RIP Respiratory Effort Belts

XactTrace® Reusable Belts for Embla® systems (continued from previous page)

1 XactTrace Reusable Belts				
Part Number	Belt Type/Description	Cable Length/Connector	Quantity	Compatibility
91421036	Large Abdomen, 47" (120cm) to 76" (194cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
91421037	Large Thorax, 47" (120cm) to 76" (194cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
91421038	Medium Thorax, 33" (83cm) to 56" (142cm)	78" (200cm), blue 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems
91421039	Medium Abdomen, 33" (83cm) to 56" (142cm)	78" (200cm), yellow 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems
91421041	Small Thorax, 22" (57cm) to 41" (104cm)	78" (200cm), blue 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems
91421042	Small Abdomen, 22" (57cm) to 41" (104cm)	78" (200cm), yellow 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems
91421043	Large Thorax, 47" (120cm) to 76" (194cm)	78" (200cm), blue 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems
91421044	Large Abdomen, 47" (120cm) to 76" (194cm)	78" (200cm), yellow 2-pin key	1/pkg	Natus Embla NDX, Natus Embla SDx, Embla S4000/S4500 systems



91421000

XactTrace® Single Use Cut-to-Fit Universal Belts, Kits & Components

- Configurations for non-Embla PSG systems (see cut-to-fit options for Embla PSG Systems on the next page)
- Customized sizing for each patient; especially useful for paediatric and bariatric patients
- Complete kit includes: abdomen single use lock, thorax single use lock, abdomen reusable processor, thorax reusable processor, two rolls XactTrace single use cut-to-fit belt material
- Purchasable options: abdomen and thorax locks, cut-to-fit belt material, RIP processors and kits (lock, processor, cut-to-fit belt material)

2

XactTrace Single Use Cut-to-Fit Belt Rolls				
Part Number	Type	Roll Length	Quantity	Compatibility
91421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	Most PSG systems
XactTrace Single Use Cut-to-Fit Belt Kits*				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
91421050	XactTrace Universal Single Use Cut-to-Fit Abdomen Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
91421051	XactTrace Universal Single Use Cut-to-Fit Thorax Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg	
91421052	XactTrace Universal Single Use Cut-to-Fit Belt Kit - Complete	n/a	1 kit/pkg	
Locks for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
91421020	Abdomen	27.5" (70cm), yellow 2-pin key	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors. Requires 1421047** or 1421048** processor.
91421022	Thorax	15.7" (40cm), blue 2-pin key	1/pkg	
RIP Processors for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
91421047	XactTrace RIP Processor Sensor, Thorax	78" (200cm) 1.5mm touchproof	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
91421048	XactTrace RIP Processor Sensor, Abdomen	78" (200cm) 1.5mm touchproof	1/pkg	

*Also compatible with Embla SD32 system



91421020



91421022



91421048



91421047



SENSORS

RIP Respiratory Effort Belts

XactTrace® Single Use Cut-to-Fit Belts & Components for Embla® Systems

- Configurations for Embla PSG systems only (see Universal Cut-to-Fit options on the previous page)
- Customized sizing for each patient; especially useful for paediatric and bariatric patients
- Purchasable options: abdomen and thorax locks, cut-to-fit belt material and cable extensions

2 XactTrace Single Use Cut-to-Fit Belt Rolls				
Part Number	Type	Roll Length	Quantity	Compatibility
91421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	XactTrace Single Use Locks
Locks for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
91421020	Abdomen	27.5" (70cm), yellow 2-pin key	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla N7000, Embla S4000/S4500, Embletta (PDS, 128, X100, MPR), Embla titanium, RIP processor
91421021	Abdomen	27.5" (70cm), yellow 2-pin key with built-in Embletta Gold Inline Inductor	1/pkg	Embletta Gold only
91421022	Thorax	15.7" (40cm), blue 2-pin key	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla N7000, Embla S4000/S4500, Embletta (PDS, 128, X100, MPR), Embla titanium, RIP processor
91421023	Thorax	15.7" (40cm), blue 2-pin key with built-in Embletta Gold Inline Inductor	1/pkg	Embletta Gold only
Cable Extensions for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type	Cable Length/Connector	Quantity	Compatibility
91451070	Abdomen	78" (200cm), yellow 2-pin key	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla S4000/S4500 systems
91451072	Thorax	78" (200cm), blue 2-pin key	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla S4000/S4500 systems

XactTrace® Single Use Pre-Sized Universal Belts & Components

- Configurations for non-Embla PSG Systems
- Same high quality RIP technology as XactTrace reusable belts
- No threading of material into the lock is required
- Available in four convenient standard sizes
- Pre-attached snap terminals for quick, easy set up (snap sensors required; sold separately)

3 XactTrace Single Use Pre-Sized Universal RIP Belts			
Part Number	Type/Description	Quantity	Compatibility
9011516	XactTrace Pre-sized Single Use Belt, Paediatric	20/box (10 packs of 2)	XactTrace Pre-sized Single Use Snap Sensors
9011517	XactTrace Pre-sized Single Use Belt, Small	20/box (10 packs of 2)	
9011518	XactTrace Pre-sized Single Use Belt, Medium	20/box (10 packs of 2)	
9011520	XactTrace Pre-sized Single Use Belt, Large	20/box (10 packs of 2)	
Snap Sensors and RIP Processors for XactTrace Single Use Pre-Sized Universal Belts			
Part Number	Type/Description	Quantity	Compatibility
9011521	XactTrace Snap Sensor, Abdomen, 26”(66cm) cable, yellow 2-pin key connector	1/pkg	XactTrace Pre-sized Belts & RIP Processors
9011522	XactTrace Snap Sensor, Thorax, 16”(41cm) cable, blue 2-pin key connector	1/pkg	
91421048	XactTrace RIP Processor Sensor, Abdomen, 78”(200cm) cable, 1.5mm female touchproof connectors	1/pkg	XactTrace RIP Processors & most PSG systems that accept 1.5mm female touchproof connectors
91421047	XactTrace RIP Processor Sensor, Thorax, 78”(200cm) cable, 1.5mm female touchproof connectors	1/pkg	



SENSORS

RIP Respiratory Effort Belts

XactTrace® Single Use Pre-Sized Belts & Components for Embla® Systems

- For use with Embla systems only
- Same high quality RIP technology as XactTrace reusable belts
- No threading of material into the lock is required
- Available in four convenient standard sizes
- Pre-attached snap terminals for quick, easy set up (snap sensors required; sold separately)



3

XactTrace Single Use Pre-Sized Belts				
Part Number	Size	Connector	Quantity	Compatibility
9011516	Paediatric	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	XactTrace Pre-sized Single Use Snap Sensors
9011517	Small	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
9011518	Medium	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
9011520	Large	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
Snap Sensors for XactTrace Single Use Pre-Sized Belts				
Part Number	Description	Cable Length/Connector	Quantity	Compatibility
9011521	Abdomen	26" (66cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
9011522	Thorax	16" (41cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
9013224	Abdomen	78" (200cm), yellow 2-pin key	1/pkg	All Embla systems
9013225	Thorax	78" (200cm), blue 2-pin key	1/pkg	All Embla systems

*Embletta Gold also requires part 9013382, the Embletta Gold In-line Inductor, 4" (10cm) cable

XactTrace® Single Use Pre-Sized Belt Sizing

Choosing a Belt Size

- XactTrace Single Use Pre-sized Belts come in four sizes: Paediatric, Small, Medium and Large
- Belt length can be adjusted to assure a good fit
- Belts should fit patients snugly without being uncomfortably tight
- Measure each patient's circumference and use the table below as a guideline

3 XactTrace Single Use Pre-Sized Belt Sizing	
Size	Fits Patient Circumference (Size Range)
Paediatric	11-22" (28-56cm)
Small	16-35" (40-89cm)
Medium	30-55" (76-140cm)
Large	40-75" (102-190cm)



SENSORS

RIP Respiratory Effort Belts



Respiratory Inductance Plethysmography Belts & Cables

- 5 colour-coded sizes fitting a wide range of patients
- Soft, flexible, reusable belts are machine washable, sterilizable
- Simple snap connectors and interface cables
- Plug-and-play replacement RIP interface cables

Respiratory Inductance Plethysmography Belts					
Part Number	Size	Colours	Quantity	Compatibility	
4140090	Infant Small 15.7" (40cm)	White/Gray	2/pkg	Most systems that accept 1.5mm touchproof connectors & RIP Interface Cables listed below	
4140089	Paediatric Medium 23.6" (60cm)	White/Red	2/pkg		
4140088	Adult Large 35.4" (90cm)	White/Blue	2/pkg		
4140087	Adult XL 47.2" (120cm)	White/Black	2/pkg		
4140114	Adult XXL 59" (150cm)	White/Yellow	2/pkg		
Respiratory Inductance Plethysmography Interface Cables					
Part Number	Type	Lead Wire Length	Connector	Quantity	Compatibility
9101G [‡]	Abdomen	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
9102G [‡]	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
9131	Abdominal	8" (20cm)	Key	1/pkg	Grass AURA PSG & AURA PSG LITE
9132	Chest	8" (20cm)	Key	1/pkg	Grass AURA PSG & AURA PSG LITE
4140095	Abdomen	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors
4140096	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors

[‡]Reduced output signal for Grass PSG systems



Adjustable Respiratory Inductance Plethysmography Belt Kit

- One size fits all (Adult)
- Reusable and easy to clean
- High quality, comfortable material
- Kit 019-481100 includes two adult-size adjustable RIP belts (shown at left), one 4140095 abdomen interface cable and one 4140096 chest interface cable

Part Number	Type	Belt Dimensions	Quantity	Compatibility
019-481100	Adjustable RIP Kit, Adult	23.6" (60cm) minimum to 55" (140cm) maximum	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors
019-481200	Adjustable RIP Belt Only, Adult	23.6" (60cm) minimum to 55" (140cm) maximum	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

PVDF Respiratory Effort Belts

Respiratory Effort PVDF Sensor - Double Buckle

- High output up to five times stronger than others
- Designed to reduce false paradoxical effort
- Connects directly to the head box
- 12" belt terminates with two female buckles
- Includes one each 2' and 4' Velstretch® male buckle belts



Part Number	Type	Belt Dimensions	Lead Wire Length	Quantity	Compatibility
026450	Chest or Abdomen	12" (30cm) x 1" (2.54cm)	6' 6" (2m)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Replacement Double-Buckle Effort Belt

- Belt terminates with two male buckles

Part Number	Type	Belt Length	Quantity	Compatibility
026451	Chest or Abdomen	1" (2.54cm) x 48" (122cm)	1/pkg	026450 Respiratory Effort PVDF Sensor

FastTrack™ Disposable Respiratory Effort System Starter Kits

- Completely disposable (two) cut-to-fit, button-hole belts with PVDF sensors and interface
- No polarity reversal

Part Number	Type	Belt Dimensions	Connector	Lead Wire Length	Quantity	Compatibility
026460	Paediatric Kit: (2) cut-to-fit belts with PVDF sensors and interface	1" (2.5cm) x 30" (76cm)	1.5mm touchproof	96" (244cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors
026461	Adult Kit: (2) cut-to-fit belts with PVDF sensors and interface	1.5" (3.8cm) x 75" (190.5cm)	1.5mm touchproof	96" (244cm)	1 kit/pkg	
026462	Paediatric Kit: (2) cut-to-fit belts with PVDF sensors and interface	1" (2.5cm) x 30" (76cm)	Key	96" (244cm)	1 kit/pkg	Most systems that accept key connectors
026463	Adult Kit: (2) cut-to-fit belts with PVDF sensors and interface	1.5" (3.8cm) x 75" (190.5cm)	Key	96" (244cm)	1 kit/pkg	



026470

FastTrack Disposable Respiratory Effort System Replacement Packs

Part Number	Type	Belt Dimensions	Connector	Lead Wire Length	Quantity	Compatibility
026464	Paediatric cut-to-fit belts and sensors	1" (2.5cm) x 30" (76cm)	1.5mm touchproof	3.2" (8cm)	1 pack of 2 each	FastTrack Disposable Respiratory Effort System
026465	Paediatric cut-to-fit belts and sensors	1" (2.5cm) x 30" (76cm)	1.5mm touchproof	3.2" (8cm)	20 packs/box	
026466	Paediatric cut-to-fit belts and sensors	1" (2.5cm) x 30" (76cm)	1.5mm touchproof	3.2" (8cm)	40 packs/box	
026467	Adult cut-to-fit belts and sensors	1.5" (3.8cm) x 75" (190.5cm)	1.5mm touchproof	3.2" (8cm)	1 pack of 2 each	
026468	Adult cut-to-fit belts and sensors	1.5" (3.8cm) x 75" (190.5cm)	1.5mm touchproof	3.2" (8cm)	20 packs/box	
026469	Adult cut-to-fit belts and sensors	1.5" (3.8cm) x 75" (190.5cm)	1.5mm touchproof	3.2" (8cm)	40 packs/box	
026470	1.5mm touchproof interface	n/a	1.5mm touchproof	96" (244cm)	2/pkg	Most systems that accept 1.5mm touchproof connectors
026471	Key interface	n/a	Key	96" (244cm)	2/pkg	Most systems that accept key connectors



026471



SENSORS

PVDF Respiratory Effort Belts



PerfectFit™ 3D Semi-Disposable Respiratory Effort System Starter Kits

- Disposable rolls of cut-to-fit, button-hole belt material
- Reusable PVDF sensors, ABS Filtration Module
- Reusable interface

Part Number	Type	Roll Length	Connector	Lead Wire Length	Quantity	Compatibility
026472	(2) Perfect Fit3D sensors, (5) 50 yard rolls of Effort Belt Strap	(5) 50 yard rolls	1.5mm touchproof	108" (274cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors
026473	(2) Perfect Fit3D sensors, (5) 50 yard rolls of Effort Belt Strap, Adult, SUM	(5) 50 yard rolls	1.5mm touchproof	108" (274cm)	1 kit/pkg	
026474	(2) Perfect Fit3D sensors, (5) 50 yard rolls of Effort Belt Strap, Embla	(5) 50 yard rolls	Key	108" (274cm)	1 kit/pkg	Most systems that accept key connectors
026475	(2) Perfect Fit3D sensors, (5) 50 yard rolls of Effort Belt Strap, Embla N7000	(5) 50 yard rolls	Key	18" (46cm)	1 kit/pkg	Embla N7000



PerfectFit™ 3D Semi-Disposable Respiratory Effort System Replacement Parts

Part Number	Type	Belt Dimensions	Connector	Lead Wire Length	Quantity	Compatibility
026476	Effort Belt Sensor, Abdomen	n/a	1.5mm touchproof	108" (274cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
026477	Effort Belt Sensor, Chest	n/a	1.5mm touchproof	108" (274cm)	1/pkg	
026478	Effort Belt Sensor Module, Abdomen, SUM	n/a	1.5mm touchproof	108" (274cm)	1/pkg	
026479	Effort Belt Sensor Module, Chest, SUM	n/a	1.5mm touchproof	108" (274cm)	1/pkg	
026480	Effort Belt Sensor, Abdomen, Embla	n/a	Key	108" (274cm)	1/pkg	Most systems that accept key connectors
026481	Effort Belt Sensor, Chest, Embla	n/a	Key	108" (274cm)	1/pkg	
026482	Effort Belt Sensor, Abdomen, Embla N7000	n/a	Key	18" (46cm)	1/pkg	Embla N7000
026483	Effort Belt Sensor, Chest, Embla N7000	n/a	Key	18" (46cm)	1/pkg	
026484	Effort Belt Strap, 20 studies	50 yard roll	n/a	n/a	1/pkg	PerfectFit 3D Sensors
026485	Effort Belt Strap, 100 studies	250 yard (five 50 yard rolls)	n/a	n/a	1/pkg	



SENSORS

Piezo Respiratory Effort Belts

Piezo Crystal Effort Sensor – Double Buckle

- One Piezo crystal effort sensor – double buckle
- One large elastic double buckle belt

Part Number	Type	Belt Length	Lead Wire Length	Quantity	Compatibility
1421102	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1370G-KIT	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78" (200cm)	1/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
1421101	Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	27.6" (70cm)	1/pkg	Yellow (abdomen) key for Embla
1421100	Chest	Large - 1" (2.5cm) x 67" (170.2cm)	15.7" (40cm)	1/pkg	Blue (chest) key for Embla



Piezo Crystal Effort Sensor Kit – Velcro® Tab

- One Piezo crystal effort sensor – double tab
- Two elastic tab belts; one small and one paediatric

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
1388G-KIT	Chest or Abdomen	Small 1" (2.5cm) x 35" (88.2cm) Paediatric 1" (2.5cm) x 18" (45.7cm)	78" (200cm)	1 kit/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
ACE116	Chest or Abdomen	X-Large 1" (2.5cm) x 78" (200cm) Large 1" (2.5cm) x 51" (130cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors



Piezo Crystal Effort Sensor Kit – Double Loop

- One Piezo crystal effort sensor – double loop
- Two elastic belts; one large and one extra large

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
ACE114	Chest or Abdomen	Small 1.5" (3.8cm) x 35" (90cm) Extra Small 1.5" (3.8cm) x 20" (50cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors



Piezo Film/Crystal Effort Sensor Kit – Double Loop

- One Piezo crystal effort sensor – double loop
- Two elastic belts; one large and one extra large

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
019-479600	Chest or Abdomen, Piezo film	Large 1.5" (3.8cm) x 52" (132.1cm) XL 1.5" (3.8cm) x 75" (190.5cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors



Infant Piezo Beltless Effort Sensor

- Apply with adhesive tape

Part Number	Size	Lead Wire Length	Quantity	Compatibility
005732	Infant	7' (2.1m)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Airflow



Thermocouple Airflow Sensor

- Flexible, rubber coated probes for oral (one) and nasal (two)

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1401G	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480200	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-481000	Two Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480800	Two Channel Oral & Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Thermocouple Airflow Sensor

- Small size and smooth contour for improved patient tolerance

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1413G	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Thermocouple Airflow Sensor for Cannula

- Hooks to any adult nasal cannula
- Adjustable prongs for stable recordings and patient comfort

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1401G-H	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1421-H	Single Channel Oral/Nasal	Adult	48" (122cm)	1/pkg	Key - for Grass AURA PSG & AURA PSG LITE

Child Thermocouple Airflow Sensor

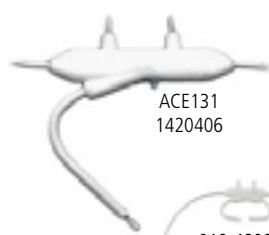
- Stiff bendable prongs allow optimal patient comfort and signal quality

Part Number	Type	Size	Lead wire Length	Quantity	Compatibility
ACE131	Single Channel Oral/Nasal	Child	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
91420406	Single Channel Oral/Nasal	Child	78" (200cm)	1/pkg	Embla systems with key connectors
019-480900	Two Channel Oral & Nasal	Child	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Child Extra Small Thermocouple Airflow Sensor

- Small size improves patient compliance
- 3 thermocouples generating a signal in response to temperature changes

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
ACE176	Single Channel Oral/Nasal	Child Extra Small	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Airflow

ThermoCan™ Integrated Thermal/Pressure Sensor

- All-in-one, thermal and pressure design for optimal patient comfort
- Disposable; no cleaning or breakage potential
- Complies with AASM recommendations for nasal and nasal/oral temperature monitoring

Part Number	Type	Length	Quantity	Compatibility
500102	ThermoCan Interface Cable, Adult, touchproof connector	78" (200cm)	1/pkg	Cannulas designed for ThermoCan; most systems that accept 1.5mm touchproof connectors
500101	ThermoCan Interface Cable, Adult, key connector	78" (200cm)	1/pkg	Cannulas designed for ThermoCan; Embla systems that accept key connectors
500103	ThermoCan Interface Cable, key connector	33.5" (85cm)	1/pkg	
500104	ThermoCan Thermal Cannula, Adult	7' (214cm)	50/pkg	Adult ThermoCan Interface Cable
500105	ThermoCan Thermal Cannula, Adult	2' (61cm)	50/pkg	Adult ThermoCan Interface Cable
023121	ThermoCan Interface Cable, Paediatric touchproof connector	85" (216cm)	1/pkg	Cannulas designed for ThermoCan; most systems that accept 1.5mm touchproof connectors
023122	ThermoCan Interface Cable, Paediatric key connector	85" (216cm)	1/pkg	Cannulas designed for ThermoCan; Embla systems that accept key connectors
023123	ThermoCan Thermal Cannula, Small Paediatric	7' (214cm)	25/pkg	Paediatric ThermoCan Interface Cable
023124	ThermoCan Thermal Cannula, Large Paediatric	7' (214cm)	25/pkg	Paediatric ThermoCan Interface Cable



Thermistor Airflow Sensor

- Flexible, rubber coated probes for oral (one) and nasal (two)

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
91420435	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla systems with key connectors
91420430	Single Channel Oral/Nasal	Adult	38" (96.5cm)	1/pkg	Embla systems with key connectors
019-480400	Single Channel Oral/Nasal	Adult	35.5" (90cm)	1/pkg	Embla systems with key connectors
019-480600	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Airflow

Disposable Embla® BreathSensor® Airflow Thermistor

- Saves time and money by eliminating the need for cleaning and sterilization

Part Number	Type	Size	Quantity	Compatibility
4140118	Single Channel Oral/Nasal	Adult	24/pkg	All BreathSensor Cables listed below
4140119	Single Channel Oral/Nasal	Children & Small Adults	24/pkg	
4140121	Single Channel Oral/Nasal	Infant	24/pkg	
4140120	Single Channel Oral/Nasal	Preemie	24/pkg	

Requires cable from table below.

BreathSensor® Cables

- 4140069 and 026454 cables include a battery pack
- 420447 and 1420448 cables do not include an inline battery

Part Number	Length	Connectors	Quantity	Compatibility
1420447	23" (58cm)	Key connector	1/pkg	Embletta MPR, Natus Embla NDx, Natus Embla SDx, Xitek Brain Monitor Embla S4500, Embla N7000
1420448	78" (200cm)	Key connector	1/pkg	Embletta MPR, Natus Embla NDx, Natus Embla SDx, Xitek Brain Monitor Embla S4500, Embla N7000
4140069	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors
026454	78" (200cm)	1.5mm touchproof	1/pkg	Most systems the accept 1.5mm touchproof connectors



Ultima™ cTherm Cannula Thermistor Airflow Temperature Sensor

- Works well with any cannula
- Excellent thermal airflow and pressure signals with all cannulae
- No prongs to go up the nose
- Connects directly to the headbox

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026452	Oronasal	Adult	78" (200cm)	1/pkg	Most systems the accept 1.5mm touchproof connectors



Ultima™ cTherm Cannula Thermistor Airflow Temperature Sensor

- Works well with any cannula
- Excellent thermal airflow and pressure signals with all cannulae
- No prongs to go up the nose

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026453	Oronasal	Adult	32" (81cm)	1/pkg	Key connector



SENSORS

Airflow

Ultima™ Reusable Thermistor Airflow Sensor

- Reusable, comfortable design: no prongs to go up the nose
- Reliably and accurately measures adult nasal and oral airflow
- Thermistor design produces a stronger signal than thermocouple technology

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
005890	Oronasal	Adult	71" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
ACE171	Oronasal	Paediatric (ages 1-10 years)	71" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



ThermiSense® Sensor Kits

Kit includes:

- Oral/Nasal Thermistor
- Nasal cannula with holder
- Oral/Nasal cannula with holder
- Filter

Part Number	Type	Sensor Lead Wire Length	Cannula Length	Quantity	Compatibility
1420124	Adult	84" (214cm)	84" (214cm)	1/pkg	Systems with key inputs
1420129	Adult	30" (76.2cm)	84" (214cm)	1/pkg	
1420126	Paediatric	30" (76.2cm)	84" (214cm)	1/pkg	
1420127	Paediatric	84" (214cm)	84" (214cm)	1/pkg	



FM2 TriplePlay™ Airflow Disposable Sensors

- Detects subtle changes in the airflow signal often associated with flow limitation and UARS
- PVDF sensor, ABS filtration module
- Fits well under a CPAP mask

Part Number	Type	Size	Quantity	Compatibility
026501	Single Channel Oral/Nasal	Neonatal	10/pkg	All FM2 TriplePlay Cables below
026502	Single Channel Oral/Nasal	Neonatal	50/pkg	
026503	Single Channel Oral/Nasal	Infant	10/pkg	
026504	Single Channel Oral/Nasal	Infant	50/pkg	
026505	Single Channel Oral/Nasal	Paediatric	10/pkg	
026506	Single Channel Oral/Nasal	Paediatric	50/pkg	
026507	Single Channel Oral/Nasal	Small	10/pkg	
026508	Single Channel Oral/Nasal	Small	50/pkg	
026509	Single Channel Oral/Nasal	Medium	10/pkg	
026510	Single Channel Oral/Nasal	Medium	50/pkg	
026511	Single Channel Oral/Nasal	Large	10/pkg	
026512	Single Channel Oral/Nasal	Large	50/pkg	



FM2 TriplePlay™ Airflow Disposable Sensor Cables

Part Number	Length	Connectors	Quantity	Compatibility
026499	60" (1.5m)	1.5mm touchproof connector	1/pkg	Most systems that accept 1.5mm touchproof connectors
026500	60" (1.5m)	Key connector	1/pkg	Embla systems with key connectors



SENSORS

Snore Sensors



Piezo Snoring Sensor

- Records vibration in the neck using a round, flexible thermo-plastic disc

Part Number	Type	Lead Wire Length	Quantity	Compatibility
91420610	Snore, Piezoelectric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
91420615	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
91420605	Snore, Piezoelectric	78" (200cm)	1/pkg	Embla systems with key connectors
91420600	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Embla systems with key connectors
019-479700	Snore, Piezoelectric	78" (200cm)	1/pkg	Most Xltek systems that accept 1.5mm touchproof connectors



Ultima™ Snore Sensor

- Piezo technology
- Small and light

Part Number	Type	Diameter	Lead Wire Length	Quantity	Compatibility
026458	Snore, Piezo	0.6875" (17mm)	80" (206cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



AccuSnore Disposable Snore Sensor

- Superior sensitivity from PVDF technology
- Adhesive backing provides for multiple placement locations during testing
- One size fits all

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026486	Snore, PVDF	Large	24" (61cm)	10/pkg	Most systems that accept 1.5mm touchproof connectors
026487	Snore, PVDF	Large	24" (61cm)	50/pkg	



AccuSnore Disposable Snore Sensor Reusable Interface Cable

Part Number	Type	Dimensions	Lead Wire Length	Quantity	Compatibility
026488	ABS box	1" (2.54cm) x 0.7" (1.8cm) x 0.5" (1.3cm)	48" (122cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Snore Sensors

Dynamic Microphone Snoring Sensor

- Converts snoring sounds into an analog signal
- Soft and lightweight; provides good seal against ambient noise

Part Number	Type	Diameter	Lead Wire Length	Quantity	Compatibility
1200G	Snore, Dynamic Microphone	0.9" (2.3cm)	76" (190cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480300	Snore, Dynamic Microphone	0.6" (1.5cm)	76" (190cm)	1/pkg	



Ultima™ Reusable Snore Microphone

- Electret condenser microphone
- Detects higher frequencies of snoring
- Connects to headbox and senses snoring sounds
- Small; facilitates comfortable placement

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
ACE172	Snore, Condenser Microphone	0.6" (1.6cm) x 0.4" (1.1cm) x 0.2 (0.5cm)	6.5' (1.98m)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Ultima™ Q-Snor Kit

- Quantitative snoring sound volume meter
- Comes with a Q-Snor microphone (026457)
- Accurately and reliably records decibel sound level intensities between 40 and 100dB
- Provides accurate pre- and post-therapy study comparisons
- Terminates in two 1.5mm touchproof connectors

Part Number	Type	Dimensions	Lead Wire Length	Quantity	Compatibility
026456	Snore, Quantitative Sound Volume Meter	2.5" (6.5cm) x 4.75" (12cm)	84" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Pressure Flow/Snore



Piezo Pressure Flow/Snore Sensors

- Isolated element provides immunity from environmental artefacts
- Strong, stable signal

Part Number	Sensor Type	Lead Wire Length	Cannulas	Quantity	Compatibility
4140094	AC Pressure, AC Snore	8" (20.3cm)	Sensor only, no cannulas included	1/pkg	Most systems that accept 1.5mm touchproof connectors
14838-KIT	AC Pressure, AC Snore	8" (20.3cm)	Five 2' Adult Nasal	1 kit/pkg	Key - Grass AURA PSG & AURA PSG LITE
14832	DC Pressure, AC Snore	8" (20.3cm)	Sensor only, no cannulas included	1/pkg	Key - Grass AURA PSG & AURA PSG LITE



Ultima™ Dual Pressure Flow/Snore Sensor

- Up to 6 outputs: Raw airflow, filtered airflow and snoring
- Record nasal and oral flow on separate channels
- Variable gain and baseline settings
- CPAP-compatible; auto-off
- Complies with guidelines for hypopnoea detection
- Uses rechargeable or disposable AA batteries
- Kit includes: Sensor interface, 2 cables, 4 cannulas

Part Number	Sensor Type	Lead Wire Lengths	Connectors	Quantity	Compatibility
636060NE	AC/DC Pressure, AC Snore	12" (30.5cm) 2-pin key to 1.5mm touchproof connector	2 Adult micro nasal Luer Lock cannula with filter	1 kit/pkg	Most PSG systems via various connectors (includes both touchproof and key ports)
		12" (30.5cm) key to 3.5mm female phone connector	2 Nasal & oral Luer Lock cannula with filter		



Replacement Cable for Ultima™ Dual Pressure Flow/Snore Sensor

Part Number	Lead Wire Lengths	Connectors	Quantity	Compatibility
636062NE	18" (45.7cm)	2-pin key to 1.5mm touchproof connector	1/pkg	636060NE



Multi-Press AC/DC Pressure Flow/Snore Sensor Kit

- AC flow/snore, low level output
- DC air pressure output provides true differential air pressure between the + and – pressure inputs
- Adjustable flow and snore sensitivities
- Kit includes Pressure Module, AC & DC wire-sets and AA batteries

Part Number	Sensor Type	Lead Wire Lengths	Connectors	Quantity	Compatibility
019-479500	AC/DC Pressure, AC Snore	AC Flow 9" (23cm), Snore 9" (23cm), DC Flow 78" (200cm)	AC Flow & Snore touchproof, DC Flow 1/8" Male Plug	1 kit/pkg	Most systems that accept 1.5mm touchproof and 1/8" male plugs Most Nicolet, Grass & Xitek systems are compatible Embla & Schwarzer systems require adapters



SENSORS

Pressure Flow/Snore

CPAP Pressure Tubing

- Tube with a Luer Lock connector to measure CPAP mask pressure

Part Number	Type	Length	Quantity	Compatibility
91420116	CPAP pressure tube	23.6" (60cm)	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks
91420117	CPAP pressure tube	78.7" (200cm)	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks



Limb Movement Sensor Kits

Limb Movement Sensor Kits

- Piezo film sensor technology
- Includes a pair of elastic ankle straps

Part Number	Type	Lead Wire Length	Quantity	Compatibility
1770G-KIT	Limb Movement	78" (200cm)	1 sensor & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors
1773-KIT	Limb Movement	67" (170cm)	1 sensor & 2 bands/pkg	Key - Grass AURA PSG & AURA PSG LITE
ACE146	Limb Movement	78" (200cm)	2 sensors & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Body Position Sensors



DC Body Position Sensor Kits

- Indicates the following positions: prone, supine, left, right or sitting/standing up
- Includes large, adjustable, Velcro® buckle band, 1" (2.5cm) width

Part Number	Type	Lead Wire Length	Quantity	Compatibility
019-480000	DC Body Position, Voltage Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
91440011	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
ACE119	DC Body Position Type A - 5 DC Levels	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1574-KIT	DC Body Position, Voltage Type	12" (30cm)	1/pkg	Key connector - Grass AURA PSG & AURA PSG LITE
91440021	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Natus Embla NDx, Natus Embla SDx, Embla S4500
019-481300	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Male Plug - Grass Comet, Comet-PLUS
019-479900	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Female Plug - Embla Sandman SD32



Ultima™ Body Position Sensor

- Accelerometer-based 5-position sensor
- Easily attaches to effort belt
- Two-year battery life

Part Number	Type	Lead Wire Length	Quantity	Compatibility
026455	DC Body Position	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Body Positioning Pod, 3D Type

- 3-Dimensional Positioning information
- Provides Activity, Elevation and Body Position
- Attaches to the chest respiratory belt

Part Number	Type	Lead Wire Length	Connector	Quantity	Compatibility
022343	3D	78" (200cm)	5-pin DIN	1/pkg	Natus Embla NDx, Natus Embla SDx, Natus Brain Monitor



SENSORS

Oximetry

Nonin® Xpod®

- Clinically validated for challenging conditions such as motion and low perfusion
- Compatible with all Nonin PureLight Sensors

Part Number	Type	Cable Length	Quantity	Compatibility
91430000	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embla N7000/S7000, S4000/S4500, titanium; Embletta Gold, PDS
9011291	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embletta MPR



Sensor Clip for Nonin® Xpod®

- Keeps Nonin Flex Sensor firmly connected to Xpod

Part Number	Type	Quantity	Compatibility
91431530	Xpod sensor clip	1/pkg	Nonin Xpod (rectangular)



Sensor Clip for Nonin® Xpod®

- Keeps Nonin Flex Sensor firmly connected to Xpod

Part Number	Type	Quantity	Compatibility
9013400	Xpod sensor clip	1/pkg	Nonin Xpod (tapered)



Nonin® Reusable Articulated Finger Clip Sensors

- For spot checking and short-term monitoring
- Comfortable, self-aligning grip
- Durable design; easy to clean

Part Number	Type	Cable Length	Quantity	Compatibility
1431020	Finger Clip Sensor, Adult	3' (1m)	1/pkg	Nonin oximeter



Nonin® Reusable Pulse Oximetry Extension Cables

Part Number	Type	Cable Length	Quantity	Compatibility
1430500	Oximeter Sensor Extension Cable	3' (1m)	1/pkg	Nonin oximeter
222-490300	Oximeter Sensor Extension Cable	9.8' (3m)	1/pkg	
222-490400	Oximeter Sensor Extension Cable	19.9' (6m)	1/pkg	



Nonin® PureLight® Reusable Soft Sensors

- Quick and easy application
- Comfortable fit for continuous monitoring
- Durable and easy to clean

Part Number	Type	Cable Length	Quantity	Compatibility
91431003	Soft Sensor, Small	3' (1m)	1/pkg	Nonin oximeter
91431004	Soft Sensor, Medium	3' (1m)	1/pkg	
91431005	Soft Sensor, Large	3' (1m)	1/pkg	
105592	Soft Sensor, Medium	9.8' (3m)	1/pkg	
105593	Soft Sensor, Large	9.8' (3m)	1/pkg	



SENSORS

Oximetry



Nonin® PureLight® Reusable FlexSensor & Disposable FlexiWrap® Adhesive Sensors

- Hybrid sensor system is useful in extended monitoring and sleep studies
- Combines convenience of disposable sensor with economy of reusable sensor
- Available in multiple sizes that fit neonates to adults

Part Number	Type	Cable Length	Quantity	Compatibility
91431000	FlexSensor, Adult	3' (1m)	1/pkg	Nonin oximeter
91431002	FlexSensor, Adult	9.8' (3m)	1/pkg	
91431011	FlexSensor, Infant	3' (1m)	1/pkg	
91431010	FlexSensor, Neonatal	3' (1m)	1/pkg	

Part Number	Type	Quantity	Compatibility
91431500	FlexiWrap, Adult	25/pkg	91431000 & 91431002 Flex Sensors
91431502	FlexiWrap, Infant	25/pkg	91431011 Flex Sensors
91431501	FlexiWrap, Neonatal	25/pkg	91431010 Flex Sensors



Nonin® PureLight® Disposable Sensors

- Soft, cushioning material provides comfort and secure placement for extended monitoring

Part Number	Type	Cable Length	Quantity	Compatibility
105720XL	Disposable Sensor, Adult	3' (1m)	24/pkg	Nonin oximeter



Nonin® Disposable PureLight® Cloth Sensors

- PureLight® technology and PureSAT® signal processing provide consistent results from patient to patient and sensor to sensor, even with low perfusion
- Ideal for extended monitoring or situations where the risk of cross-contamination is high
- Stretchable cloth material accommodates hard-to-fit patients such as infants and neonates
- Adhesive, tear-resistant cloth is designed for easy and secure placement, as well as frequent repositioning

Part Number	Type	Patient Range	Preferred Application	Cable Length	Quantity	Compatibility
026513	Adult	>66lb (30kg)	Index, middle or ring fingers	3' (1m)	24/box	Nonin oximeter
026514	Paediatric	>22lb (10kg)	Index, middle or ring fingers	3' (1m)	24/box	
026515	Infant	4.4lb-44lb (2kg-20kg)	Fingers or large toe	3' (1m)	24/box	
026516	Neonate/Adult	Neonate: <4.4lb (2kg) Adult: >66lb (30kg)	Foot for neonate; index finger for adult	3' (1m)	24/box	



Nonin® Disposable PureLight® Durafoam Sensors

- Extended-life: average use life of 14 days per patient
- Non-adhesive foam helps maintain skin integrity for patients
- Easy to apply and re-apply for improved efficiency during patient care
- Two unique shapes for adult or paediatric patients – choose the best option for each

Part Number	Type	Digit Thickness	Patient Range	Preferred Application	Cable Length	Quantity	Compatibility
026519	Standard (Paediatric to Adult)	0.19"-0.82" (5mm-21mm)	>66lb (30kg)	Index finger	3' (1m)	5/pkg	Nonin oximeter
026520	Small (Paediatric to Adult)	0.19"-0.82" (5mm-21mm)	>66lb (30kg)	Index finger	3' (1m)	5/pkg	



SENSORS

Oximetry

Masimo LNCS® Disposable Adhesive Sensors with Cable Attached

- Disposable sensors limit cross-contamination risks and decrease site pressure
- Excellent adherence, increasing monitoring effectiveness in high-motion areas

Part Number	Type	Cable Length	Quantity	Compatibility
008781	LNCS adhesive sensor, Adult	18" (45.7cm)	20/pkg	LNCS patient cables
008782	LNCS adhesive sensor, Paediatric	18" (45.7cm)	20/pkg	
008783	LNCS adhesive sensor, Infant	18" (45.7cm)	20/pkg	



Masimo Y-I Multisite Reusable Sensors & Wraps

- For patients greater than 2.2lb (1kg)

Part Number	Type	Cable Length	Quantity	Compatibility
008786	LNCS Y-I Reusable Sensor	3' (1m)	1/pkg	LNCS patient cables
104514	Disposable Standard Wrap	n/a	100/pkg	Y-I Reusable Sensor
104513	Disposable Petite Wrap	n/a	100/pkg	Y-I Reusable Sensor



Masimo Reusable Sensors

- LNCS DBI reusable adult soft sensor with 3' cable

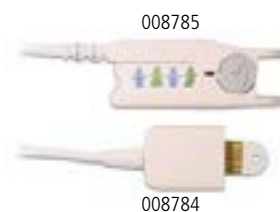
Part Number	Type	Cable Length	Quantity	Compatibility
008777	LNCS reusable sensor, Adult	3' (1m)	1/pkg	LNCS patient cables



Masimo Reusable Finger Clip Sensors

- Adjustable hinge allows sensor to fit various finger sizes
- For short term spot checking

Part Number	Type	Cable Length	Quantity	Compatibility
008785	LNCS finger clip sensor, paediatric	3' (1m)	1/pkg	LNCS patient cables
008784	LNCS finger clip sensor, adult	3' (1m)	1/pkg	LNCS patient cables



Masimo Patient Cables

Part Number	Type	Cable Length	Quantity	Compatibility
103847	Masimo LNOP Patient Cable	12' (3.66m)	1/pkg	Xltek PSG systems
008776	Masimo LNCS Patient Cable	14' (4.27m)	1/pkg	Xltek PSG systems



CANNULAS



Adult Nasal/Oral Pressure Cannulas

- Semi-rigid wire in oral trunk allows precise placement
- Ideal length when pressure sensor is bedside or similar distance from patient
- Disposable

Part Number	Type	Supply Tube Length	Quantity	Compatibility
91420100	Nasal/Oral	1' (0.3m) Terminates in a male Luer Lock connector without filter	25/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
91420101	Nasal/Oral	7' (2.1m) Terminates in a male Luer Lock connector without filter	25/pkg	



Adult Nasal Pressure Cannulas

- Ideal length when pressure sensor is bedside or similar distance from patient
- Disposable

Part Number	Type	Size	Supply Tube Length	Quantity	Compatibility
91420002	Nasal	Adult	15" (38cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
91420011	Nasal	Adult	47" (120cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	
91420013	Nasal	Adult	71" (181cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	



Infant Nasal Pressure Cannulas

- For newborns to three months old
- Ideal length when pressure sensor is located very close to the patient
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
91420040	Nasal	0.3" (7.6mm)	3' (1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors



Intermediate Infant Nasal Pressure Cannulas

- For patients three months to one year of age
- Ideal length when pressure sensor is located very close to the patient
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
91420030	Nasal	0.36" (9.1mm)	3' (1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors



CANNULAS

Paediatric Nasal Pressure Cannulas

- For patients one year of age and older
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
91420020	Nasal	0.475" (1.21mm)	1' (0.3m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
91420050	Nasal	0.475" (1.21mm)	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	



Adult ThermiSense® Nasal Pressure Cannulas with Filter

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Length	Quantity	Compatibility
91420110	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector with filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



Adult ThermiSense® Nasal Pressure Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

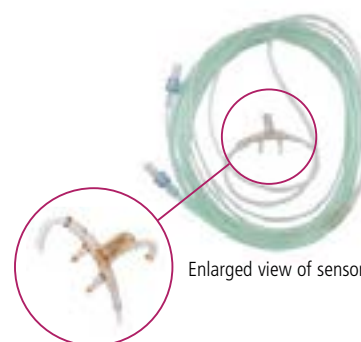
Part Number	Type	Cannula Length	Quantity	Compatibility
91420111	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral flow sensors
91420112	Nasal	2' (0.61m) Tubing terminates in male Luer Lock connector without filter	25/pkg	



Adult ThermiSense® Nasal/Oral Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
91420114	Nasal/Oral	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



Enlarged view of sensor

CANNULAS



Paediatric ThermiSense® Nasal Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
1420125	Nasal	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Paediatric ThermiSense nasal/oral airflow sensors



Adult ThermiSense® Nasal Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
1420113	Nasal	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



Hydrophobic Filter Extension Tube

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
1450031	Filter	25 extension tubes & 25 filters/pkg	Most cannulas & pressure flow/snore sensors



Disposable Cannula Filters

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
15809	Filter	1/pkg	Most cannulas & pressure flow/snore sensors



Female to Female Luer Lock Adapter

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
020324	Adapter	5/pkg	Most cannulas & pressure flow/snore sensors



ANCILLARY SLEEP SUPPLIES

Adhesive Electrodes with Lead Wires Attached

Disposable Adhesive Chin EMG Electrode with Lead Wire Attached

- Consists of three individual surface AgCl electrodes in a 3" (7.6cm) x 2" (5cm) triangle formation
- Uses one electrode as a backup when recording chin muscle activity during sleep studies

Part Number	Lead Length	Quantity	Compatibility
026489	84" (213cm)	50/pkg	Most systems that accept 1.5mm touchproof connectors



Snap Electrodes

Disposable Adhesive Dual Leg EMG Snap Electrode

- Consists of two surface AgCl electrodes in a single 2" (5cm) x 1" (2.54cm) patch
- Ideal for a quick setup to record leg movements during sleep studies

Part Number	Type	Quantity	Compatibility
026498	Oval with 2 snaps	50/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Adhesive Centre Snap Square Electrode

- Solid gel Ag/AgCl electrodes, 7/8" (22.2mm) square cloth-backed contact area with robust adhesive
- Ideal for sleep studies

Part Number	Type	Quantity	Compatibility
444010	Square Snap	30/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Adhesive Centre Snap Round Electrode

- Circular shape, 1-7/8" (48mm) diameter
- Solid gel Ag/AgCl sensor material with vinyl backing

Part Number	Type	Quantity	Compatibility
022107	Circular with centre snap	5/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads
1410500	Circular with centre snap	30/pkg	



Disposable Centre Snap Rectangular Electrode

- Solid gel Ag/AgCl electrodes foam backed, 1.75" x 0.8125", 0.5" recording area

Part Number	Type	Quantity	Compatibility
019-767700	Rectangle Snap	250 electrodes (25 packs of 10)	Most systems that accept 1.5mm touchproof connectors; requires snap leads



ANCILLARY SLEEP SUPPLIES

Snap Electrodes



Disposable Adhesive Offset Snap Round Electrode

- Circular shape, 1.9" (48mm) diameter with offset snap
- Wet gel Ag/AgCl sensor material, foam backing

Part Number	Type	Quantity	Compatibility
91410505	Circular with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Adhesive Offset Snap Small Electrode

- 22mm x 28mm with offset snap
- Wet gel Ag/AgCl sensor material, foam backing

Part Number	Type	Quantity	Compatibility
91410510	Oval with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Dual-Surface Electrode

- Wet gel, 14mm conductive area, foam backed
- 20mm centre-to-centre between electrodes
- Ideal for surface EMG and NCV studies or electrical stimulation
- Requires reusable snap leads

Part Number	Type	Quantity	Compatibility
019-429400	Dual EMG	15/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Centre Snap Round Electrode

- Wet gelled Ag/AgCl vinyl-backed electrode, 1-3/8" diameter, 5/8" recording area

Part Number	Type	Quantity	Compatibility
842-507900	Round Snap	10/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads

Snap Leads



Reusable Snap Lead Set

- Colour-coded (blue, gray, purple, green, yellow) lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length	Quantity	Compatibility
019-419000	Snap Leads	39" (1m)	5/pkg	Most systems that accept 1.5mm touchproof connectors
019-419100	Snap Leads	59" (1.4m)	5/pkg	
019-419200	Snap Leads	79" (2m)	5/pkg	
019-419300	Snap Leads	118" (3m)	5/pkg	



Reusable Snap Lead Pairs

- Colour-coded (blue, gray) lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length	Quantity	Compatibility
019-424500	Snap Leads	60" (1.5m)	1 pair/pkg	Most systems that accept 1.5mm touchproof connectors



ANCILLARY SLEEP SUPPLIES

Snap Leads

Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Orange lead wire, orange button snap, orange touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
91411517	Snap Leads	39" (1m)	2/pkg	Most systems that accept 1.5mm touchproof connectors
91411524	Snap Leads	79" (2m)	2/pkg	



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Black lead wire, black button snap, black touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
91411520	Snap Lead	60" (1.5m)	2/pkg	Most systems that accept 1.5mm touchproof connectors
91411535	Snap Leads	120" (3m)	2/pkg	



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Black lead wire, white button snap, white touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
91411530	Snap Leads	120" (3m)	2/pkg	Most systems that accept 1.5mm touchproof connectors



Reusable Snap Lead, Ground

- Designed for use with disposable snap electrodes
- Green lead wire, green button snap, green touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
91411516	Snap Leads	39" (1m)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Short Reusable Snap Leads

- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length / Colour	Quantity	Compatibility
91411541	Snap Lead	24" (0.6m) / Red	1/pkg	Most systems that accept 1.5mm touchproof connectors
91411548	Snap Lead	24" (0.6m) / Green	1/pkg	
91411542	Snap Lead	29.5" (0.75m) / Black	1/pkg	



ANCILLARY SLEEP SUPPLIES

Velcro® Straps



Velcro® Elastic Straps

- Provides patient comfort while holding components securely in place

Part Number	Description	Length	Quantity	Compatibility
91421234	Small Velcro Elastic Strap	30" (76cm)	1/pkg	Most PSG systems
91421236	Medium Velcro Elastic Strap	45" (114cm)	1/pkg	
91421238	Large Velcro Elastic Strap	72" (183cm)	1/pkg	
91421230	Velcro Elastic Strap Kit; one each Small, Medium, Large	One each of above	1 kit/pkg	



Cable Wraps

- Ideal for bundling cables and wires

Part Number	Type	Quantity	Compatibility
91450021	Velcro Cable Wraps	12/pkg	Most PSG systems



Adapters

1.5mm to Key Adapter

- Converts 1.5mm touchproof connectors to a male key connector
- Options for adapting either female or male 1.5mm touchproof connectors
- Adaptors are used with RIP belts and other PSG sensors

Part Number	Description	Length	Quantity	Compatibility
91451056	Two 1.5mm male touchproof connectors to male key adapter	6" (15cm)	1/pkg	Most PSG systems
9026459	Two 1.5mm female touchproof connectors to male key connector	19" (48cm)	1/pkg	



ELECTRODE CREAMS, PASTES, GELS



Grass® EC2+™ Electrode Cream

- Hardens and holds electrodes securely in place even during LTM for consistently clear signals
- Sets quickly to maintain electrode position
- Isotonic formula is gentle on the skin
- Remove by softening with a wet cloth. No harsh solvents required

Part Number	Type	Size	Quantity
EC2+	Electroconductive Cream	3.5oz (100g) tube	10/box



Ten20® Conductive Paste

- Balance of adhesiveness and conductivity
- Washable and non-drying; easy clean-up

Part Number	Type	Size	Quantity
026525	Ten20 Electrode Paste	Single-Use Cups 0.5oz (15g)	24/pkg
024066	Ten20 Electrode Paste	2oz (50g) jar	3/pkg
1411003	Ten20 Electrode Paste	4oz (114g) jar	3/pkg
016-703700	Ten20 Electrode Paste	8oz (228g) jar	3/pkg
122-736000	Ten20 Electrode Paste	4oz (114g) tube	3/pkg



SYNAPSE Conductive Electrode Cream

- Convenient application
- Non-staining to skin or clothing
- Rapid and easy clean-up

Part Number	Type	Size	Quantity
016-703800	Synapse Conductive Electrode Cream	5oz (140g) bottle	1/pkg



Grass® EC3™ Conductive Adhesive Gel

- Conductive immediately – no waiting period
- Water soluble; easily removable; non-staining
- Non-flammable; no solvent odour or fumes
- Eliminates tape and tape irritation
- Bacteriostatic

Part Number	Type	Size	Quantity
EC3	Conductive Adhesive Gel	1.76oz (50g) tube	12/box



TENSIVE® Conductive Adhesive Gel

- Eliminates tape and tape irritation
- Immediately conductive
- Water soluble; easily remove with water

Part Number	Type	Size	Quantity
016-401600	Tensive Conductive Adhesive Gel	1.76oz (50g) tube	1/pkg
025945	Tensive Conductive Adhesive Gel	1.76oz (50g) tube	12/pkg



SIGNACREME® Electrode Cream

- Highly conductive cream electrolyte for use in electro-medical procedures
- Cosmetic quality, pleasing to patients
- Non-irritating, bacteriostatic

Part Number	Type	Size	Quantity
101086	Signacreme	5oz (142g) bottle	1/pkg



ELECTRODE CREAMS, PASTES, GELS

SIGNAGEL® Electrode Gel

- Highly conductive, multipurpose electrolyte
- Bacteriostatic
- Water soluble, non-staining, non-gritty

Part Number	Type	Size	Quantity
102340XL	Signagel	8.5oz (250g) tube	1/pkg



SPECTRA® 360 Electrode Gel

- Non-gritty, STAY-WET® formula allows for prolonged use without reapplication
- Non-irritating, bacteriostatic
- For ECG monitoring and paediatrics

Part Number	Type	Size	Quantity
016-401800	Spectra 360 Electrode Gel	8.5oz (250g) tube	1/pkg



Lectron® II Conductivity Gel

- Chloride free, hypoallergenic and water soluble

Part Number	Type	Size	Quantity
109323	Lectron II Conductivity Gel	3oz (85g) tube	1/pkg
109328	Lectron II Conductivity Gel	8.45oz (240g) tube	1/pkg



AQUASONIC® 100 Ultrasound Transmission Gel

- For diagnostic medical ultrasound
- Acoustically correct for the broad range of frequencies used
- Completely aqueous, will not stain clothing or damage transducers
- Not electrically conductive

Part Number	Type	Size	Quantity
122-737200	Aquasonic 100 Gel	8.5oz (0.25l) bottle	1/pkg



GEL WARMER

Thermasonic® Gel Warmer

Ultimate patient comfort

The Thermasonic Gel Warmer evenly warms ultrasound gel to body temperature for comfortable application during obstetric and vascular Doppler examinations. The multi-bottle gel warmer with LCD display is a durable unit suitable for wall mounting or countertop use.

- Suitable for warming up to three 8.5oz (0.25l) bottles of gel or single use gel packs
- Powerful heating element uniformly heats bottles of gel
- Microprocessor control maintains constant temperature
- "Thermal cutoff" provides protection from overheating
- Hospital-grade plug and power cord
- High density, impact-resistant composite
- Adjustable temperature setting from 97°–109°F (36°–43°C) in 1° increments
- Illuminated power ON/OFF switch
- Low electrical demand
- LCD screen to display temperature

Part Number	Description	Dimensions	Weight	Quantity
222-515500	Gel Warmer, 110V	8.5" (22cm) x 4.5" (11cm) x 7.25" (18cm)	4lb (1.8kg)	1/pkg
222-515600	Gel Warmer, 220V	8.5" (22cm) x 4.5" (11cm) x 7.25" (18cm)	4lb (1.8kg)	1/pkg



SKIN PREPS



NuPrep® Skin Prep Gel

- Used to reduce skin impedance for improved tracings
- Mild abrasive formula improves conductivity
- Helps achieve maximum efficiency with equipment

Part Number	Type	Size	Quantity
024065	NuPrep Skin Prep	1oz (25g) tube	6/pkg
122-736100	NuPrep Skin Prep	4oz (114g) tube	3/pkg



LemonPrep™ Abrasive Skin Prepping Lotion

- Balanced pH formula to minimize impedance
- Includes aloe vera to condition patient's skin
- Lemon scent

Part Number	Type	Size	Quantity
016-401000	LemonPrep Skin Prep	4oz (113g) tube	3/pkg
016-403300	LemonPrep Skin Prep Single Patient Cups	0.35oz (9.9g) cups	24/pkg



Waveprep® Mildly Abrasive Skin Prep

- Dye free, mildly abrasive, reduces skin impedance
- Single use cups reduce risk of cross-contamination

Part Number	Type	Size	Quantity
016-402900*	Waveprep Skin Prep Single Patient Cups	0.3oz (8.5g) cups	24/pkg



016-703000

016-703200

Electrode Prep Pads & Alcohol Pads

- Use to cleanse electrode site and lower impedance
- Prep pad is formulated with pumice
- Both pads are saturated with 70% isopropyl alcohol

Part Number	Type	Size	Quantity
016-703200*	Electrode Prep Pad	1.25" (3.18cm) x 2.5" (6.35cm)	100/pkg
016-703000	Alcohol Pads	1.25" (3.18cm) x 2.5" (6.35cm)	200/pkg



Uni-Patch™ Pre-TENS Skin Prep Wipes

- Pre-treatment skin wipe cleans, disinfects, and leaves a coating to shield the skin from adhesives and possible irritation
- Increases conductivity and prevents body oils from being absorbed into the electrode gel

Part Number	Type	Size	Quantity
444020*	Skin Prep Pad	1.25" (3.18cm) x 2.5" (6.35cm)	50/pkg



3M™ One Step Red Dot™ Skin Prep Abrader Tape

- Abrasive tape works just like gel preps without the mess
- Adhesive on one side and abrasive on the other

Part Number	Type	Size	Quantity
016-400000	Skin Prep Tape	196" (5m) roll	1/pkg



ANCILLARY APPLICATION SUPPLIES

3M™ Surgical Tapes & Wraps

Part Number	Type	Width	Length	Quantity
123-402000	3M Coban Self-Adherent Wrap	3" (5cm)	15' (4.5m) roll	24/pkg
123-723900	3M Micropore Surgical Tape	1" (2.5cm)	30' (9m) roll	12/pkg
101917	3M Transpore Surgical Tape	1" (2.5cm)	30' (9m) roll	12/pkg
AT15	3M Blenderm Surgical Tape	1" (2.5cm)	15' (4.5m) roll	12/pkg

Coban™ Self-Adherent Wrap

- Elastic wrap that functions like a tape but sticks only to itself



Micropore™ Surgical Tape

- Hypoallergenic paper tape; gentle on skin yet adheres well
- Leaves minimal adhesive residue upon removal
- Excellent medical tape for repeated applications on sensitive or fragile skin



Transpore™ Surgical Tape

- Transparent, easy-to-tear plastic perforated tape
- Designed for dependability and ease-of-use
- Porous for breathability
- Water resistant and hypoallergenic



Blenderm™ Surgical Tape

- Flexible, non-porous, polyethylene tape designed to provide a barrier from external fluids and contamination
- Transparent for easy monitoring
- Waterproof barrier for protection from external fluids and contaminants
- Hypoallergenic for sensitive patients



Conform® Stretch Gauze Rolls

- Medical grade, non-sterile

Part Number	Type	Size	Length	Quantity
104517	Stretch gauze	3" (7.6cm)	12.3' (3.75m) roll	12/pkg



ANCILLARY APPLICATION SUPPLIES



Dermacea® Stretch Bandage Rolls

- One-ply cotton and polyester blend crocheted construction
- Provides softness, conformability, low lint and high absorbency – non-sterile

Part Number	Type	Size	Length	Quantity
017517	Adult Stretch Bandage	4" (10.2cm)	12' (3.7m) roll; 144' (44m) total	12/pkg
020002	Paediatric Stretch Bandage	3" (7.6cm)	12' (3.7m) roll; 144' (44m) total	12/pkg



103825

Gauze Squares

- Convenient pre-cut gauze squares for electrode application

Part Number	Type	Size	Quantity
103825	12-Ply, non-sterile gauze pads	2" (5.1cm) x 2" (5.1cm)	200/pkg
016-400800	12-Ply, sterile gauze pads, 2 per pouch	3" (7.6cm) x 3" (7.6cm)	50 pouches/pkg



Cotton-Tipped Applicators/Swabs

- Ideal for electrode site preparation

Part Number	Type	Size	Quantity
1412002	Applicators/Swabs, wooden stick	3" (7.6cm) length	1000/pkg
1412006	Applicators/Swabs, plastic stick	4" (10cm) length	50/pkg
102107	Applicators/Swabs, wooden stick	6" (15.2cm) length	100/pkg

ELECTRODE PLACEMENT



EM1, EM2, EM3

270-40100

103035

Electrode Placement Markers

- Great for scalp marking

Part Number	Type	Colour	Quantity
EM1	Sharpie® Peel-Off™ China Marker	Red	12/pkg
EM2	Sharpie® Peel-Off™ China Marker	White	12/pkg
EM3	Sharpie® Peel-Off™ China Marker	Blue	12/pkg
270-401000	Wet Erase Marker	Blue	1/pkg
103035	Surgical Skin Marker, Wet, highly visible, non-tattooing, sterile	Violet	10/pkg



101432XL

EDAID2

Measurement Tapes

- Easy to read

Part Number	Type	Quantity
101432XL	Retractable, inches & centimetres, vinyl tape for surface & other measurements	1/pkg
EDAID2	International 10-20 Electrode Placement, 0-70 one side; 35-0-35 on the other, Tyvek® tape	2/pkg



EMG SUPPLIES STARTER KITS

018621 - EMG Supplies Starter Kit		Quantity
019-446700	Reusable Bipolar Bar Stimulating Electrode, 10mm stainless steel discs, 39" (1m), 1/pkg	1
698-621400	Velcro Straps, 1" (2cm) x 22" (55cm), 3/pkg	1
019-401200	Reusable Disc Ground Electrode, 30.5mm diameter, 30" (0.75m), 1/pkg	1
6030-TP	Reusable Stimulating/Recording Disc Electrodes, stainless steel, 10mm discs, twisted leads, 39" (1m), 1 pair/pkg	1
5032-TP	Reusable Stimulating/Recording Digital Ring Electrodes, stainless steel, 36" (1m), 1 pair/pkg	1
101169	Disposable Nutab Adhesive Electrodes, 10 sheets of 10 electrodes	1
101226	Disposable Care 310 Adhesive Ground Electrodes, 10 sheets of 10 electrodes	1
117-401900	Reusable Alligator-Clip Lead Wire Set, red, black, green, 49" (1.25m), 1 set/pkg	1
S53153	TECA Elite Disposable Concentric Needle Electrode, Red, 1" (25mm) length, 0.30mm (30G) diameter, 1/pouch – 25/box	1
S53156	TECA Elite Disposable Concentric Needle Electrode, Green, 1.5" (37mm) length, 0.46mm (26G) diameter, 1/pouch – 25/box	1
X21001	TECA Elite Concentric Needle Holder (Cable), 36" (0.9m), 1/pkg	1
902-DMF37-S	TECA Elite Disposable Monopolar Needle Electrode, Orange, 1.5" (37mm) length, 0.36mm (28G) diameter, 1/pouch – 48/box	1
902-SLC	TECA Elite Disposable Monopolar Needle Holder (Cable), 24" (61cm), 1/pkg	1

9013S0164 - EMG/NCS Supplies Starter Kit for Dantec System		Quantity
9013S0032	Dantec DCN Disposable Concentric Needle Electrodes, Blue, 1.5" (37mm) length, 0.46mm (26G), 1/pouch – 25/box	1
9013S0012	Dantec DCN Disposable Concentric Needle Electrodes, Orange, 1" (25mm) length, 0.30mm (30G), 1/pouch – 25/box	1
9013C0014	Dantec DCN Electrodes Needle Holder (Cable), 59" (1.5m), 5-pin DIN, 1/pkg	1
027786	Ultra Disposable Scalp Needle Electrode, 0.4" (10mm) length, 0.30mm (30G) diameter, 0.7mm male touchproof, 40/pkg	1
9013L0362	Handheld Felt Pad Stimulating Electrode, 79" (2m), 5-pin DIN, 1/pkg	1
9013S0302	Reusable Digital Ring Electrode, 39" (1m), 5-pin DIN, 1/pkg	1
101169	Disposable Nutab Adhesive Electrodes, 10 sheets of 10 electrodes	1
9013C0232	HUSH Alligator-Clip Cable, 3 colour-coded clips, 39" (1m), 5-pin DIN, 1/pkg	1
019-477600	Grass Reusable "Tangle Free" 10mm Gold EEG Stamped Cup Electrodes, 79" (2.0m), 12/pkg	1
1451020	3" Reusable Stackable Jumper/Linker Cables, 3" (8cm), 4/pkg	1
9013S0735	Reusable Ground Strap Electrode, 7" (18.5cm) Velcro strap length, 0.8" (20mm) width, 59" (1.5 m), 1/pkg	1
101917	3M Transpore Surgical Tape, 1" (2.5cm) width, 30' (9m) roll, 12/pkg	1
102340XL	SignaGel Electrode Gel, 8.5oz (250g) tube, 1/pkg	1
016-703700	Ten20 Conductive Paste, 8oz (228g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1

9013S0182 - EMG Supplies Starter Kit for Dantec Clavis		Quantity
9013S0452	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Gray, 2" (50mm) length, 0.46mm (26G) diameter, 35.5" (90cm), 1/pouch – 10/pack	1
9013S0442	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Light Blue, 1.5" (37mm) length, 0.41mm (27G) diameter, 35.5" (90cm), 1/pouch – 10/pack	1
454030	Disposable Pre-Gelled Surface Electrodes, 47.2" (1.2m), 12/pkg	1



EEG SUPPLIES STARTER KITS

018614 - Routine EEG Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	3
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Paediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018615 - EEG ICU Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	2
019-477200	Grass Disposable 10mm Ag/AgCl Cup Electrodes, 39" (1m) wire, 10/pkg	2
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Paediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018616 - EEG Ambulatory/LTM Supplies Starter Kit		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Paediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1



SLEEP SUPPLIES STARTER KITS

024252 - Sleep Supplies Starter Kit with Single Use XactTrace for Embla Dx Series Amplifiers		Quantity
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
500101	ThermoCan Interface Cable, 78" (200cm), key connector 1/pkg	1
500104	ThermoCan Thermal Cannula, Adult, 7' (214cm), 50/pkg	1
222-490300	Nonin reusable pulse oximetry extension cable, 9'8" (3m)	1
023147	Grass Disposable EEG Deep Cup Electrodes, 59" (1.5m), 10/pkg	6
023149	Grass Disposable EEG Deep Cup Electrodes, 98" (2.5m), 10/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 conductive paste, 4oz j (114g) jar, 3/pkg	1
122-736100	NuPrep skin prep, 4oz (116g) tube, 3/pkg	1
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1

024253 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla Dx Series Amplifiers		Quantity
1421038	XactTrace Reusable RIP Belt, Medium, Thorax, 78" (200cm) cable, blue, 2-pin key, 1/pkg	1
1421039	XactTrace Reusable RIP Belt, Medium, Abdomen, 78" (200cm) cable, yellow, 2-pin key, 1/pkg	1
1420435	Thermistor airflow sensor, single channel oral/nasal, 78" (200cm), key connector, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
F-E5GH-60	Genuine Grass 10mm Gold Cup Electrodes, 60" (1.52m), 10/pkg	2
F-E5GH-96	Genuine Grass 10mm Gold Cup Electrodes, 96" (2.44m), 10/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 conductive paste, 4oz j (114g) jar, 3/pkg	1
122-736100	NuPrep skin prep, 4oz (116g) tube, 3/pkg	1
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1

024385 - Sleep Supplies Starter Kit, Essentials Edition, for Embla Dx Series Amplifiers		Quantity
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
500101	ThermoCan Interface Cable, 78" (200cm), key connector, 1/pkg	1
500104	ThermoCan Thermal Cannula, Adult, 7' (214cm), 50/pkg	1



SLEEP SUPPLIES STARTER KITS

018617 - Sleep Supplies Starter Kit for Embla S4000/S4500 Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021822 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla S4000/S4500		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421038	XactTrace Reusable Belt, Medium Thorax, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1421039	XactTrace Reusable Belt, Medium Abdomen, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3 m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

018618 - Sleep Supplies Starter Kit for Embla N7000 System		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	5
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	3
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Reusable Snap Sensors, Abdomen, 26" (66cm), yellow 2-pin key, 1/pkg	1
011522	XactTrace Reusable Snap Sensors, Thorax, 26" (66cm), blue 2-pin key, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1

021823 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla N7000		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	3
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
1421035	XactTrace Reusable Belt, Medium Thorax, 15.7" (40cm), cable length, Embla/key connectors, 1/pkg	1
1421034	XactTrace Reusable Belt, Medium Abdomen, 27.5" (70cm), cable length, Embla/key connectors, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1



SLEEP SUPPLIES STARTER KITS

018619 - Sleep Supplies Starter Kit for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410500	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Snap Sensor, Abdomen, 26" (66cm), yellow 2-pin connectors, 1/pkg	1
011522	XactTrace Snap Sensor, Thorax, 16" (41cm), blue 2-pin connectors, 1/pkg	1
1421048	XactTrace RIP Processor Sensor, Abdomen, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1421047	XactTrace RIP Processor Sensor, Thorax, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021825 - Sleep Supplies Starter Kit with Reusable XactTrace for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	2
444010	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap, 7/8" (22.2mm) square, 30/pkg	2
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421091	XactTrace Universal Kit - Complete, 1.5mm touch proof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

012643 - Sleep Supplies Starter Kit for Embletta MPR ST+ Proxy		Quantity
019-417600	Reusable Tangle Free" 10mm Ag/AgCl Cup Electrodes, 39" (1.0m) wire, 12/pkg	2
1410500	Disposable Ag/AgCl Electrodes, Adhesive Centre Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	2
019-419100	Reusable Snap Leads 39" (1m) wire, 5/pkg	2
1411541	Reusable Snap Leads, 24" (0.6m), Red, 1/pkg	1
1411542	Reusable Snap Leads, 29.5" (0.75m), Black, 1/pkg	1
1411548	Reusable Snap Leads, 24" (0.6m), Green, 1/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimetres, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
016-703000	Alcohol Pads, 1.25" (3.18cm) x 2.5" (6.35cm), 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
123-723900	3M Micropore Surgical Tape, 1" (2.5cm) wide, 30' (9m) roll, 12/pkg	1



MASIMO PROBE COMBINATIONS v3.4

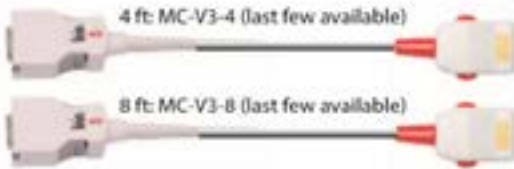
[direct]

3 ft: DCSC-AH-3 (obsolete)
8 ft: DCSC-AH-8 (obsolete)



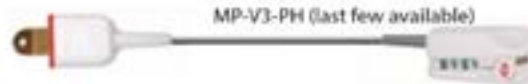
Adult hard probe
> 30 kg

LNOP



4 ft: MC-V3-4 (last few available)

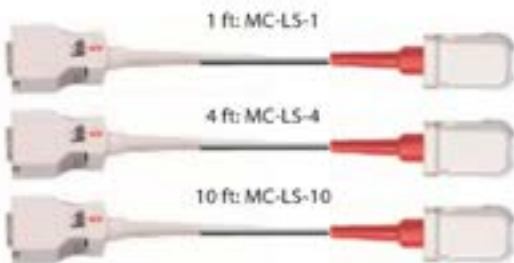
8 ft: MC-V3-8 (last few available)



MP-V3-PH (last few available)

Paediatric hard probe
10 - 50 kg

LNCS



1 ft: MC-LS-1

4 ft: MC-LS-4

10 ft: MC-LS-10



MP-LS-AH

MP-LS-PH

MP-LS-AS

MP-LS-TC

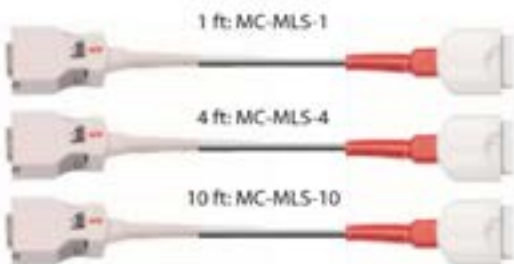
Adult hard probe
> 30 kg

Paediatric hard probe
10 - 50 kg

Adult soft probe
> 30 kg

Tip-Clip ear sensor
> 30 kg

M-LNCS



1 ft: MC-MLS-1

4 ft: MC-MLS-4

10 ft: MC-MLS-10



MP-MLS-AH

MP-MLS-PH

MP-MLS-AS

MP-MLS-TC

Adult hard probe
> 30 kg

Paediatric hard probe
10 - 50 kg

Adult soft probe
> 30 kg

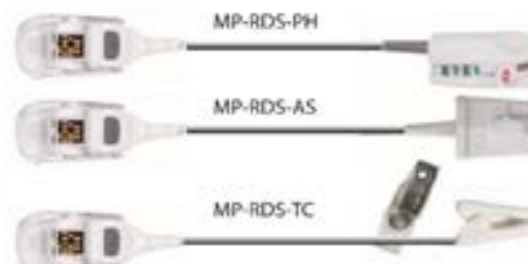
Tip-Clip ear sensor
> 30 kg

RD Set



5 ft: MC-RDS-5

12 ft: MC-RDS-12



MP-RDS-PH

MP-RDS-AS

MP-RDS-TC

Paediatric hard probe
10 - 50 kg

Adult soft probe
> 30 kg

Tip-Clip ear sensor
> 30 kg



MASIMO PROBE COMBINATIONS v3.4

LNOP adapter cable



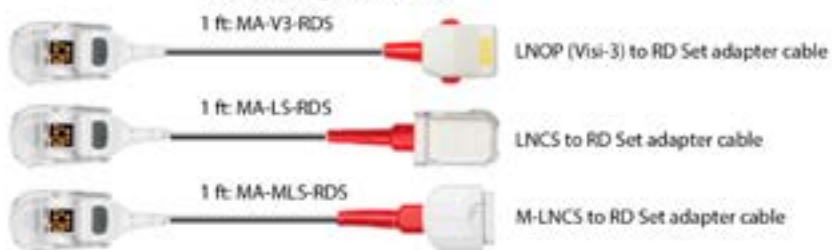
LNCS adapter cable



M-LNCS adapter cable



RD Set adapter cables



Key to naming convention

MP Probe	LS LNCS	AH Adult hard probe (reusable)	[length in feet]
MC Cable	MLS M-LNCS	PH Paediatric hard probe (reusable)	
DCSC Direct connector	V3 Visi-3 (LNOP)	AS Adult soft probe (reusable)	
	RDS RD Set	TC Tip-clip ear sensor (reusable)	
		YI Multisite (reusable)	
		AA Adult adhesive (disposable)	



COMPONENT CARDS



nasal cannulae**

Adult 15in/38cm 50pk 91420002
 Adult 72in/183cm 50pk 91420013
 Paediatric 30cm (n1.21cm) (> 1year) 91420020
 Paediatric 213cm (7ft) (> 1year) 91420050
 Intermediate Infant 90cm (n0.91cm) (3month - 1yr) 91420030
 Infant 90cm (n0.76cm) (3month-1yr) 91420040

Reusable, hard oximeter probe**

HM-LNCS DC-1 with M-LNCS connector, > 30 kg MP-MLS-AH paediatric/slender > 30 kg MP-MLS-PH

Reusable, soft oximeter probe**

M-LNCS-DBI Masimo Oximeter with M-LNCS connector > 30 kg MP-MLS-AS

Oximeter patient cable**

MC-MLS-1

Disposable ECG electrodes**

Solid Gel, 30pk 91410500

Snap on electrode cable**

20in/51cm Red 1pk SC20R
 20in/51cm Black 1pk SC20B
 20in/51cm Yellow 1pk SC20Y

Elastic ankle band for limb sensor

(pair) 1730

Limb movement sensor **

(200cm) (Purple Key Connector) 1771
 (150cm) (Purple Key Connector) 1771S

Buckle for elastic strap

Buckle

Elastic straps

Kit (1x small, 1x med, 1x large) 91421230
 Small 30in/76cm 91421234
 Medium 45in/140cm 91421236
 Large 72in/183cm 91421238

2GB SD card for Black series

SD-2

AA Batteries

Lithium, 2pk (1+ night) AAx2Lithium

AA Batteries

Standard, 2pk (1 night) AAx2

Pouch BS1-LP

Carry bag BS-CB

Airflow thermistor, key hole connector**

Adult 23.5in/60cm cable 91420430
 Adult 78in/198cm cable 91420435
 Paediatric, 78in/200cm cable 91420406

XactTrace snap sensor

(for pre-sized single use belt) cables

16" Abdomen 90011521
 16" Thorax 90011522
 78" Abdomen 90013224
 78" Thorax 90013225

Single use XactTrace belt RIP band (20pk)

Paediatric (~24 cm) 90011516
 Small (~50 cm) 90011517
 Medium (~85 cm) 90011518
 Large (~110 cm) 90011520

XactTrace extension cables

Abdomen 78in/200cm 91451070
 Thorax 78in/200cm 91451072

Clip-on snore microphone

BS-CM



* OPTIONAL ITEM / ACCESSORY ** ALTERNATIVES AVAILABLE



***ST+ proxy for full sleep
PSG acquisition**
90012696



***TX proxy for wireless
Bluetooth signal acquisition**
90011922



***Microphone**
90011470



***Disposable ECG electrodes**

Solid Gel, 30pk 91410500



Snap on electrode cable*

24in/61cm Red 1pk 91411541
30in/75cm Black 1pk 91411542
20in/51cm Black 1pk SC20B
20in/51cm Red 1pk SC20R



***XactTrace snap sensor**
(Pre-sized single use belt)**

Abdomen

26" cable 90011521
78" cable 90013224

Thorax

16" cable 90011522
78" cable 90013225



****Single use XactTrace belt RIP band**
(20pk)**

Paediatric (~24 cm) 90011516
Small (~50 cm) 90011517
Medium (~85 cm) 90011518
Large (~110 cm) 90011520



***XactTrace locks**

Abdomen (yellow) 91421020
Thorax (blue) 91421022



***XactTrace extension cables**

Abdomen 78in/200cm 91451070
Thorax 78in/200cm 91451072



***Airflow Thermistor**, key hole connector**

Paediatric, 78in/200cm cable 91420406
Adult, 23.5in/60cm cable 91420430
Adult, 78in/198cm cable 91420435



* OPTIONAL ITEM / ACCESSORY ** ALTERNATIVES AVAILABLE

**Xpod oximeter,
blue plug**
90011291



Flex oximeter sensors**
Adult, 1m cable 8000J-1
Adult, 3m cable 8000J-3
Infant, 1m cable 8008J
Neonate, 1m cable 8001J



Flex oximeter wraps**
Adult 8000JFW
Infant 8008JFW
Neonate 8001JFW

***Sensor clip for blue Xpod**
9013400



***Oximeter
extension cables****
1m UNI-EXT-1
2m UNI-EXT-2



Soft oximeter sensors*
Large adult, 1m cable 8000SL-1
Large adult, 3m cable 8000SL-3
Medium adult, 1m cable 8000SM-1
Medium adult, 3m cable 8000SM-3
Small, 1m cable 8000SS-1
Small, 3m cable 8000SS-3



Nasal cannulae**

Adult 15in/38cm 50pk 91420002
Adult 72in/183cm 50pk 91420013
Paediatric 30cm (n1.21cm) (> 1year) 91420020
Paediatric 213cm (7ft) (> 1year) 91420050
Intermediate Infant 90cm (n0.91cm) (3month-1yr) 91420030
Infant 90cm (n0.76cm) (3month-1yr) 91420040



Elastic straps*

Kit (1x small, 1x med, 1x large) 91421230
Small 30in/76cm 91421234
Medium 45in/140cm 91421236
Large 72in/183cm 91421238



PG pouch 90011411



USB interface cable
92020304



Carrying case 90011412



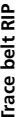
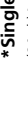
**Carry handle for
Breakout Box**

BBStrap

***Joining cable**
90013414

A coiled white cable with black connectors at both ends, shown against a white background.

***Body positioning pod**
90022343

*XactTrace snap sensor** (Pre-sized single use belt) Abdomen 26" cable 90011521 78" cable 90013224 Thorax 16" cable 90011522 78" cable 90013225		*Single use XactTrace belt RIP band (20pk)** Paediatric (~24 cm) 90011516 Small (~50 cm) 90011517 Medium (~85 cm) 90011518 Large (~110 cm) 90011520	
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***XactTrace extension cables**
Abdomen 78in/200cm 91451070
Thorax 78in/200cm 91451072

***XactTrace belt**
65.6ft/20m
91421000

***XactTrace locks**
Abdomen (yellow) 91421020
Thorax (blue) 91421022



Electrodes
see main catalogue

***Airflow thermistor**, key hole connector**

Paediatric, 78in/200cm cable 91420406

Adult, 23.5in/60cm cable 91420430

Adult, 78in/198cm cable 91420435

Snap on electrode cable*

- 24in/60cm Red 1pk 914111541
- 20in/51cm Red 1pk SC20R
- 24in/60cm Green 914111548
- 20in/51cm Yellow 1pk SC20Y
- 30in/75cm Black 1pk 914111542
- 20in/51cm Black 1pk SC20B
- 39in/100cm Green 914111516
- 39in/100cm Orange 2pk 914111517
- 60in/150cm Black 2pk 914111520
- 78in/200cm Orange 2pk 914111524
- 120in/300cm White 2pk 914111530
- 120in/300cm Black 2pk 914111535

NDxAmplifier		
*Ten20	*NuPrep	EC2+
4oz/114g Jar -3pk	4oz/114g Tube -3pk	electrode cream
91411003	91411011	box of 10



***Soft oximeter sensors**

- Large adult, 1m cable 8000SL-1
- Large adult, 3m cable 8000SL-3
- Medium adult, 1m cable 8000SM-1
- Medium adult, 3m cable 8000SM-3
- Small, 1m cable 8000SS-1
- Small, 3m cable 8000SS-3

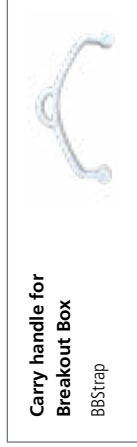


Nasal Cammulae**

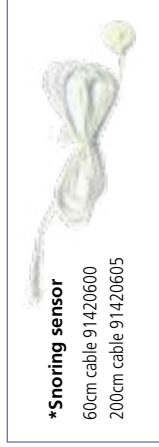
Adult 15in/38cm 50pk 91420002
Adult 72in/183cm 50pk 91420013
Paediatric 30cm (n1.21cm) (> 1year) 91420020
Paediatric 213cm (7ft) (>1year) 91420050
Intermediate Infant 90cm (n0.91cm) (3mth -1yr) 91420030
Infant 90cm (n0.76cm) (3mth-1yr) 91420040



Natus Base
y cable



Carry handle for Breakout Box
BBSTrap



***Snoring sensor**
60cm cable 91420600
200cm cable 91420605



***Joining cable**
90013414



***Body Positioning Pod**
90022343



Electrodes
see main catalogue



Airflow Thermistor*, key hole connector
Paediatric, 78in/200cm cable 91420406
Adult, 23.5in/60cm cable 91420430
Adult, 78in/198cm cable 91420435



SDxAmplifier

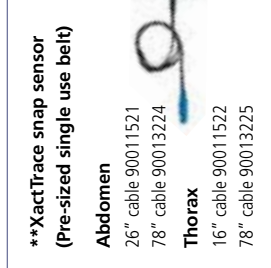


***Disposable ECG Electrodes**
Solid Gel, 30pk 91410500

- *Snap on electrode cable**
- 24in/60cm Red 1pk 91411541
 - 20in/51cm Red 1pk SC20R
 - 24in/60cm Green 91411548
 - 20in/51cm Yellow 1pk SC20Y
 - 30in/75cm Black 1pk 91411542
 - 20in/51cm Black 1pk SC20B
 - 39in/100cm Green 91411516
 - 39in/100cm Orange 2pk 91411517
 - 60in/150cm Black 2pk 91411520
 - 78in/200cm Orange 2pk 91411524
 - 120in/300cm Orange 2pk 91411530
 - 120in/300cm Black 2pk 91411535



***Ten20** 4oz/114g Jar -3pk 91411003
***NuPrep** 4oz/114g Tube -3pk 91411011
EC2+ electrode cream box of 10



****XactTrace snap sensor (Pre-sized single use belt)**

Abdomen

- 26" cable 90011521
- 78" cable 90013224

Thorax

- 16" cable 90011522
- 78" cable 90013225

****Single use XactTrace belt RIP band (20pk)**

- Paediatric (~24 cm) 90011516
- Small (~50 cm) 90011517
- Medium (~85 cm) 90011518
- Large (~110 cm) 90011520



***XactTrace extension cables**
Abdomen 78in/200cm 91451070
Thorax 78in/200cm 91451072



***XactTrace Belt 65.6ft/20m**
91421000
***XactTrace locks**
Abdomen (yellow) 91421020
Thorax (blue) 91421022



Flex oximeter sensors

- Adult, 1m cable 8000J-1
- Adult, 3m cable 8000J-3
- Infant, 1m cable 8008J
- Neonate, 1m cable 8001J

***Oximeter extension cables**

- 1m UNI-EXT-1
- 2m UNI-EXT-2

Flex oximeter wraps

- Adult 8000JFW
- Infant 8008JFW
- Neonate 8001JFW



***Soft oximeter sensors**

- Large adult, 1m cable 8000SL-1
- Large adult, 3m cable 8000SL-3
- Medium adult, 1m cable 8000SM-1
- Medium adult, 3m cable 8000SM-3
- Small, 1m cable 8000SS-1
- Small, 3m cable 8000SS-3



Nasal Cannulae**

- Adult 15in/38cm 50pk 91420002
- Adult 72in/183cm 50pk 91420013
- Paediatric 30cm (n1.21cm) (> 1year) 91420020
- Paediatric 213cm (7ft) (>1year) 91420050
- Intermediate Infant 90cm (n0.91cm) (3mth-1yr) 91420030
- Infant 90cm (n0.76cm) (3mth-1yr) 91420040

* OPTIONAL ITEM / ACCESSORY ** ALTERNATIVES AVAILABLE

*Plug** USBPW 
*10 port plug** USB10X 
*20 port plug** USB20X 

Charging and download cable CheckmeCB 
*Visi-Download for Viatom 

Replacement strap for MAX 540131 

Checkme O2 MAX oximeter
CheckmeO2MAX



Replacement metal clip for strap 540129 
--

 Ring SpO₂ sensor with vibration Reusable, cable length 130mm, 540124
 * Adult soft SpO₂ sensor, cable length 145mm, 540123
 * Paediatric soft SpO₂ sensor Reusable, cable length 130mm, 540126
 * Single-patient foam SpO₂ sensor Single patient use, 29mm between sensor and detector, cable length 130mm, 540127
 * Neonatal non-woven SpO₂ sensor Single patient use, 20mm between sensor and detector, cable length 130mm, 540128

* OPTIONAL ITEM / ACCESSORY ** ALTERNATIVES AVAILABLE





**Masimo Radical 7 or
Masimo Radical 7 Touch**
(not available from Stowood)



Download cable
9WM-9WF



***USB-serial converter**
UC-232A



Visi-Download
for Masimo



Masimo Radical 8
(not available from Stowood)



Download cable
9WM-9WF



***USB-serial converter**
UC-232A



Visi-Download
for Masimo



**Masimo Rad 97 or
Masimo Radical 97 ETCO₂**
(not available from Stowood)



Download Cable
Rad97 Cable



Visi-Download
for Masimo



SenTec SDM
(not available from Stowood)

Cable
(not available from Stowood)



Visi-Download
for SenTec



Radiometer TOSCA/ 500
(not available from Stowood)

Cable
(not available from Stowood)



Visi-Download
for TOSCA/ 500/
TCM4/ TCM5



Radiometer TCM4
(not available from Stowood)

Cable
(not available from Stowood)



Visi-Download
for TOSCA/ 500/
TCM4/ TCM5



Radiometer TCM5
(not available from Stowood)

**Network cable or
unencrypted USB stick**
(not available from Stowood)



Visi-Download
for TOSCA/ 500/
TCM4/ TCM5

* OPTIONAL ITEM / ACCESSORY ** ALTERNATIVES AVAILABLE



SERVICES



Return-to-base service with guaranteed loans for sleep recorders

Stowood Scientific Instruments sells and supports **Stowood**, **Natus Embla**, and **Medlab** sleep recorders in the UK, and has established the only factory-backed, UK based service and repair centre.

As part of this support, we are offering a return-to-base service contract for all ambulatory units (Black Flash, Black Flash Plus, Black Shadow, Embletta MPR PG), and annual checkup visits for sleep labs (Visi-System, Embla® SDx, Embla® NDx).



Annual contracts can include:

- Annual performance maintenance visits
- Guaranteed loan units available during repair
- 12 months free repairs and service parts*
- Free technical advice during office hours (9:00 – 17:00 UK time)
- Free next-day return carriage

Annual performance and functional check

You may arrange a convenient date with us for a maintenance visit by one of our factory-trained technicians.

Guaranteed units available during repair

Stowood can guarantee availability of a loan device whilst your device is being fixed. Simply send in your device for repair and on receipt, we can guarantee to send you a loan unit within one working day. When your device has been fixed, we will send it back to you and you'll send the loan back.

*repairs and service parts exclude damage caused by misuse



Free repairs

In the unlikely event of a problem occurring with your sleep recorder during the year, all you have to do is return it to our workshop. We will repair it free of charge and return it to you.

Free technical advice

Our workshop technicians are available during office hours (9:00 – 17:00 UK time) to answer your technical questions.



Return-to-base service without loan

For contract holders where speed is not a priority, Stowood offers a fixed rate repair service without a guaranteed loan device being available.

Free assessment and quotations

For non-contract customers we offer a free assessment of any faulty recorder and propose options for the most cost effective repair. Loans may be possible if suitable equipment is available.





Natus Neuro Training Academy

neuro.natus.com/academy

An online portal dedicated to educational programs and resources to support the use and optimization of Natus products.



Live and Recorded
E-Seminars



In-House Clinical and
IT/Biomedical Training



Comprehensive
Clinical Library

E-Seminars – Natus offers live online courses facilitated by Natus Clinical Application Specialists. Courses include system training and clinical and software operations in a wide range of modalities and applications. Explore our library of past events.

Natus System Training – Natus' Technical Support team hosts system support training courses for IT and biomedical professionals. These courses focus on system operation and the knowledge, resources and tools to effectively maintain and troubleshoot Natus products.

Natus Clinical Training – Natus Clinical Specialists work with medical societies to provide courses in a variety of Natus EEG/LTM, ICU, EMG/NCS/EP, IOM, PSG/Sleep, NCC/NS modalities. Some courses are eligible for continuing education credits. Courses range from basic to advanced functions.

Clinical Site Training – Natus partners with clinical sites, distributors and industry leading key opinion leaders to host clinical training at various sites throughout the year. This premier, high-level training provides advanced learning opportunities for clinicians.



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Please feel free to call us
with any enquiries you may have.

Stowood Scientific Instruments Ltd

Common Road, Beckley

Oxford OX3 9UP

UK

+44 1865 358860

sales@stowood.com