

Natus Sleep Supplies

Sensors • Cannulas • Ancillary Sleep Supplies



Respiratory Effort

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 (pp.52, 53)
- 2 Single Use Cut-to-Fit (pp.53, 54)
- 3 Single Use Pre-Sized (pp.54, 55)



XactTrace 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

integrated battery power, no cumbersome in-line modules						
)	XactTra	ce Universal	Belts & Belt I	Kits*		
Part Number	Type/Description	Length	Connector	Quantity	Compatibility	
1421091	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	
1421080	XactTrace Universal Abdomen Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	that accept 1.5mm touchproof connectors	
1421081	XactTrace Universal Thorax Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg		
1421040	XactTrace Adjustable Universal Belt	27-79" (65-200cm)	n/a	1/pkg		
	XactT	race Universa	al Snap Senso	ors		
1421026	XactTrace Universal Snap Sensor - Abdomen	n/a	n/a	1/pkg	Non-Embla systems	
1421027	XactTrace Universal Snap Sensor - Thorax	n/a	n/a	1/pkg	that accept 1.5mm touchproof connectors	
XactTrace Universal Cable						
1451080	XactTrace Universal Cable	92.5" (235cm)	1.5mm touchproof	1/pkg	Non-Embla systems that accept 1.5mm	

^{*}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

Jilian, mean	India, mediani and large sizes available						
1)	XactTrace Reusable Belts						
Part Number	Belt Type/Description	Cable Length/Connector	Quantity	Compatibility			
1421032	Small Abdomen, 22" (57cm) to 41" (104cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium			
1421033	Small Thorax, 22" (57cm) to 41" (104cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium			
1421034	Medium Abdomen, 33" (83cm) to 56" (142cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium			
1421035	Medium Thorax, 33" (83cm) to 56" (142cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium			

touchproof connectors

Table continued on next page



Respiratory Effort

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

1))	CactTrace Reusable Belts	;	
Part Number Belt Type/Description		Cable Length/Connector Quantit		Compatibility
1421036	Large Abdomen, 47" (120cm) to 76" (194cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421037	Large Thorax, 47" (120cm) to 76" (194cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421038	Medium Thorax, 33" (83cm) to 56" (142cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421039	Medium Abdomen, 33" (83cm) to 56" (142cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems
1421041	Small Thorax, 22" (57cm) to 41" (104cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421042	Small Abdomen, 22" (57cm) to 41" (104cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems
1421043	Large Thorax, 47" (120cm) to 76" (194cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421044	Large Abdomen, 47" (120cm) to 76" (194cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems





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 Page 54)
- Customized sizing for each patient; especially useful for infants 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	Туре	Roll Length	Quantity	Compatibility	
1421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	Most PSG systems	
	XactTrace Single	Belt Kits*			
Part Number	Type/Description	Cable Length/ Connector	Quantity	Compatibility	
1421050	XactTrace Universal Single Use Cut- to-Fit Abdomen Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg		
1421051	XactTrace Universal Single Use Cut- to-Fit Thorax Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors	
1421052	XactTrace Universal Single Use Cut- to-Fit Belt Kit - Complete	n/a 1 kit/pkg			
	Locks for XactTrace	Single Use Cut	-to-Fit Belt	ts	
Part Number	Type/Description	Cable Length/ Connector	Quantity	Compatibility	
1421020	Abdomen	27.5" (70cm), yellow 2-pin key	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors.	
1421022	Thorax	15.7" (40cm), blue 2-pin key	1/pkg	Requires 1421047 or 1421048 processor.	
	RIP Processors for XactT	race Single Use	Cut-to-Fit	: Belts	
Part Number	Type/Description	Cable Length/ Connector	Quantity	Compatibility	
1421047	XactTrace RIP Processor Sensor, Thorax	78" (200cm) 1.5mm touchproof	1/pkg	Non-Embla systems that accept	
1421048	XactTrace RIP Processor Sensor, Abdomen	78" (200cm) 1.5mm touchproof	1/pkg	1.5mm touchproof connectors	













^{*}Also compatible with Embla SD32 system



Respiratory Effort

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

Compatibility

Compatibility

RIP processor

Embletta Gold only

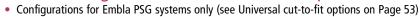
RIP processor

Embletta Gold only

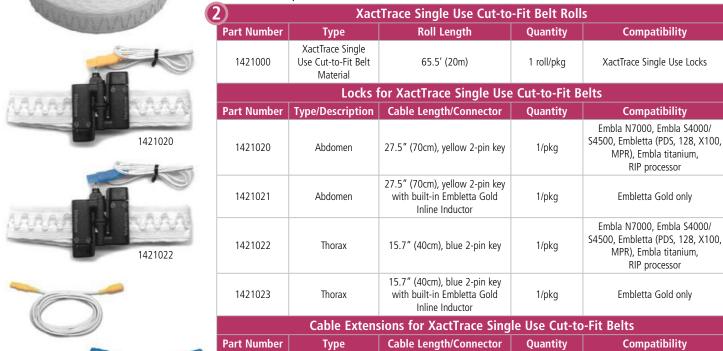
Compatibility

Embla S4000/S4500 systems

Embla S4000/S4500 systems



- Customized sizing for each patient; especially useful for infants and bariatric patients
- Purchasable options: abdomen and thorax locks, cut-to-fit belt material and cable extensions





XactTrace Single Use Pre-Sized Universal Belts & Components

78" (200cm), yellow 2-pin key

78" (200cm), blue 2-pin key

1/pkg

1/pkg

Configurations for Non-Embla PSG Systems

1451070

1451072

- Same high quality RIP technology as XactTrace reusable belts
- No threading of material into the lock is required

Abdomen

Thorax

- 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 U	niversal RIP Belts		
Part Number	Type/Description	Quantity	Compatibility	
011516	XactTrace Pre-Sized Single Use Belt, Pediatric 20/box (10 packs of 2)			
011517	XactTrace Pre-Sized Single Use Belt, Small	20/box (10 packs of 2)	XactTrace Pre-Sized	
011518	XactTrace Pre-Sized Single Use Belt, Medium	20/box (10 packs of 2)	Single Use Snap Sensors	
011520	XactTrace Pre-Sized Single Use Belt, Large 20/box (10 p			
Snap Sen	sors and RIP Processors for XactTrace Sin	ngle Use Pre-Sized	Universal Belts	
Part Number	Type/Description	Quantity	Compatibility	
011521	XactTrace Snap Sensor, Abdomen, 26"(66cm) cable, yellow 2-pin key connector	1/pkg	XactTrace Pre-Sized Belts	
011522	XactTrace Snap Sensor, Thorax, 16"(41cm) cable, blue 2-pin key connector	1/pkg	& RIP Processors	
1421048	XactTrace RIP Processor Sensor, Abdomen, 78"(200cm) cable, 1.5mm female touchproof connectors	1/pkg	XactTrace RIP Processors & most PSG systems that	
1421047	XactTrace RIP Processor Sensor, Thorax, 78"(200cm) cable, 1.5mm female touchproof connectors	1/pkg	accept 1.5mm female touchproof connectors	

Respiratory Effort

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				
011516	Pediatric	XactTrace Snap Sensors in this table	20/box (10 packs of 2)					
011517	Small	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	Embla N7000, titanium, Embletta (all models),				
011518 Medium		XactTrace Snap Sensors in this table	20/box (10 packs of 2)	Embla S4000/S4500 systems				
011520	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				
011521	011521 Abdomen 26" (66cm), yellow 2-pir		1/pkg	Embla N7000, Embletta (all models), Embla titanium				
011522 Thorax 013224 Abdomen		16" (41cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium				
		78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems				
013225	Thorax	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems				







XactTrace Single Use Pre-Sized Belt Sizing

Choosing a Belt Size

- XactTrace Single Use Pre-Sized Belts come in four sizes: Pediatric, 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

E	XactTrace S	XactTrace Single Use Pre-Sized Belt Sizing				
1	Size Fits Patient Circumference (Size Ran					
	Pediatric	11-22 in. (28-56 cm)				
	Small	16-35 in. (40-89 cm)				
	Medium	30-55 in. (76-140 cm)				
	Large	40-75 in. (102-190 cm)				



DID YOU KNOW?

Humans are the only mammals that willingly delay sleep

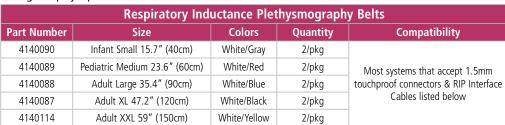
^{*013382} Embletta Gold Inline Inductor required, one snap per sensor.

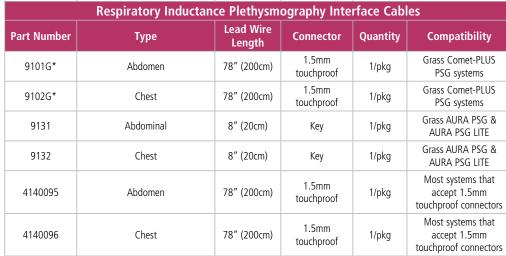


Respiratory Effort



- 5-color-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





^{*}Reduced output signal for Grass PSG systems







Adjustable Respiratory Inductance Plethysmography Belt Kit

- One size fits all (Adult)
- Reusable & easy to clean
- High quality, comfortable material
- Kit 019-481100 includes two 019-481200 belts, one 4140095 abdomen interface cable and one 4140096 chest interface cable

Part Number	Туре	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 & RIP Interface Cables listed above

Piezo Respiratory Effort Belts

Piezo Crystal Effort Sensor – Double Buckle

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

	3					
Part Number	Туре	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	
1330A-KIT	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78"(200cm)	1/pkg	Key connector for Grass AURA PSG & AURA PSG LITE	
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	



Large Double Buckle Replacement Belt

	Part Number	Size	Compatibility			
	AIE071	Large - 1" (2.5cm) x 67" (170.2cm)	Replacement belt for these kits: 1421101, 1421102, 1421100, 1370G-KIT, 1330A-KIT			



Piezo Crystal Effort Sensor Kit – Velcro® Tab

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

Part Number	Туре	Belt Lengths	Lead Wire Length	Quantity	Compatibility
ACE116	Abdomen Pediatric	1" (2.5cm) x 35" (88.2cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors.
1388G-KIT	Chest or Abdomen	Small 1" (2.5cm) x 35" (88.2cm) Pediatric 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



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	Туре	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
019-479800	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	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
ACE114	Chest or Abdomen, Piezo crystal	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



L and XL belts included with all three kits

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





Airflow



Thermistor Airflow Sensor

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

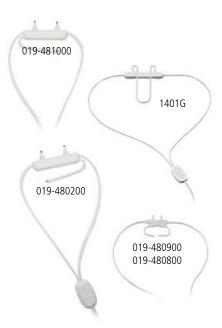
Part Number	Туре	Size	Lead Wire Length	Quantity	Compatibility
1420431	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla SD32
1420435	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla systems with key connectors
1420430	Single Channel Oral/Nasal	Adult	23.5" (60cm)	1/pkg	Embla systems with 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



Thermistor Airflow Sensor

• Comfortable design does not use nasal prongs

Part Number	Туре	Size	Lead Wire Length	Quantity	Compatibility
005890	Single Channel Oral/Nasal	Adult	7' (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Thermocouple Airflow Sensor

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

Part Number	Туре	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
019-480900	Two Channel Oral & Nasal	Pediatric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Airflow

Thermistor Airflow Sensor for Cannula

- Works with any adult nasal cannulas
- Comfortable design does not use nasal prongs

Part Number	Туре	Size	Lead Wire Length	Quantity	Compatibility
005891	Single Channel Oral/Nasal	Adult	7' (210cm)	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



Thermocouple Airflow Sensor for Cannula

• Attaches to any adult nasal cannula

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



Pediatric Thermocouple Airflow Sensor

• Stiff bendable prongs allow optimal patient comfort and signal quality

Part Number	Turns	C:	Lond wine Longth	Overstitus	Commotibility
Part Number	Туре	Size	Lead wire Length	Quantity	Compatibility
ACE131	Single Channel Oral/Nasal	Pediatric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420406	Single Channel Oral/Nasal	Pediatric	78" (200cm)	1/pkg	Embla systems with key connectors



Infant Thermocouple Airflow Sensor

• Placed on the bridge of the infant's nose with the elements positioned under the nostrils

Part Number	Туре	Size	Lead Wire Length	Quantity	Compatibility
ACE176	Single Channel Nasal	Infant-Preemies	71" (180cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors







Airflow



Disposable Embla® BreathSensor® Airflow Thermistor

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

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

Requires cable from table below



BreathSensor Cables

• Cable includes a battery pack

Part Number	Length	Connectors	Quantity	Compatibility
1420446	78" (200cm)	Key connector	1/pkg	Embla S4500, Embla N7000, Embletta Gold
4140069	78" (200cm)	1.5mm touchproof	1/pkg	Embla SD32; most systems that accept 1.5mm touchproof connectors



CannuTherm™ Integrated Thermal/Pressure Sensor

- Attaches to cannula; special port holds the thermal sensor
- Eliminates need to tape separate sensors together
- · Complies with AASM recommendations for nasal pressure and nasal/oral temperature monitoring

Part Number	Туре	Length	Quantity	Compatibility
105778	CannuTherm	78" (200cm) lead wire	1 sensor & 5 cannuals/pkg	Cannulas designed for CannuTherm, All systems that accept 1.5mm
105750	Replacement adult nasal cannula	7' (213.4cm) cannula length	25/pkg	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	lt 84" (213.4cm) 84" (213.4cm)		1/pkg	
1420129	Adult	30" (76.2cm)	84" (213.4cm)	1/pkg	Embla systems with
1420126	Pediatric	30" (76.2cm)	84" (213.4cm)	1/pkg	key connectors
1420127	Pediatric	84" (213.4cm)	84" (213.4cm)	1/pkg	

Snore Sensors

Piezo Snoring Sensor

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

Part Number	Туре	Lead Wire Length	Quantity	Compatibility
1420610	Snore, Piezoelectric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420615	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420605	Snore, Piezoelectric	78" (200cm)	1/pkg	Embla systems with key connectors
1420600	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Embla systems with key connectors
019-479700	Snore, Piezoelectric	78" (200cm)	1/pkg	Most XItek systems that accept 1.5mm touchproof connectors



Dynamic Microphone Snoring Sensor

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

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





DID YOU KNOW?

The sound of snoring is the result of air turbulence vibrating the structures in the upper airway; these sounds can range from 50 - 100 decibels



Body Position Sensors

Body Position Sensor



Velcro Buckle Band

DC Body Position Sensor Kit

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

Part Number	Туре	Lead Wire Length	Quantity	Compatibility
ACE119	DC Body Position, Voltage Type	78" (200cm)	1/pkg	Most systems that accept DC 1.5mm touchproof connectors
1440011	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Most systems that accept a DC 1.5mm touchproof connectors
1574-KIT	DC Body Position, Voltage Type	12" (30cm)	1/pkg	Key connector - Grass AURA PSG & AURA PSG LITE
1440021	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Embla S4500
4140073	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Embla Sandman SD20
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



AC Body Position Sensor Kit

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

Part Number	Туре	Lead Wire Length	Quantity	Compatibility
1440010	AC Body Position	78" (200cm)	1/pkg	Most systems that accept
019-406500	AC Body Position	78" (200cm)	1/pkg	1.5mm touchproof connectors





DID YOU KNOW?

Ducks at risk of attack by predators are able to balance the need for sleep and survival, keeping one half of the brain awake while the other slips into sleep mode

Limb Movement Sensor Kits

Limb Movement Sensor Kits

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

Part Number	Туре	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	1773-KIT Limb Movement		1 sensor & 2 bands/pkg	Key - Grass AURA PSG & AURA PSG LITE
ACE146	ACE146 Limb Movement		2 sensors & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors



Pressure Flow/Snore

Piezo Pressure Flow/Snore Sensors

- Isolated element provides immunity from environmental artifacts
- 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



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 & Xltek systems are compatible - Embla & Schwarzer systems require adaptors



CPAP Pressure Tubing

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

			•		
Part Number	Туре	Length	Quantity	Compatibility	
1420116	CPAP pressure tube	23.6" (60cm)	1/pkg	Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks	
1420117	CPAP pressure tube	78.7" (200cm)	1/pkg	Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks	







Oximetry



Nonin® Xpod®

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

Part Number	Туре	Cable Length	Quantity	Compatibilty
1430000	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embla N7000/S7000, S4000/S45000, titanium; Embletta Gold, PDS
011291	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embletta MPR
XPOD	Nonin Xpod Oximeter	80" (2m)	1/pkg	Grass Comet and AURA 32-channel EEG



Sensor Clip for Nonin Xpod

• Keeps Nonin Flex Sensor firmly connected to Xpod

Part Number Type		Quantity	Compatibility	
1431530	Xpod sensor clip	1/pkg	Nonin Xpod (rectangular)	



Sensor Clip for Nonin Xpod

• Keeps Nonin Flex Sensor connected to Xpod

•		•				
	Part Number	Туре	Type Quantity Com			
	013400	Xpod sensor clip	1/pkg	Nonin Xpod (tapered)		



Nonin PureLight® Reusable FlexSensor & Disposable FlexiWrap® Adhesive Sensors

- Combines convenience of disposable sensor with economy of reusable sensor
- Available in multiple sizes
- Includes a starter pack of 25 disposable FlexiWraps

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Part Number	Туре	Cable Length	Quantity	Compatibility		
1431000	FlexSensor, Adult	3' (1m)	1/pkg			
1431002	FlexSensor, Adult	9.8' (3m)	1/pkg	Nonin oximeter		
1431011	FlexSensor, Infant	3' (1m)	1/pkg			
1431010	FlexSensor, Neonatal	3' (1m)	1/pkg			



Part Number	Туре	Quantity	Compatibility
1431500	FlexiWrap, Adult	25/pkg	1431000 & 1431002 Flex Sensors
1431502	FlexiWrap, Infant	25/pkg	1431011 Flex Sensors
1431501	FlexiWrap, Neonatal	25/pkg	1431010 Flex Sensors

Oximetry

Nonin Reusable Pulse Oximetry Extension Cables

Part Number	Туре	Cable Length	Quantity	Compatibility
1430500	Oximeter Sensor Extension Cable	3' (1m)	1/pkg	
222-490300	Oximeter Sensor Extension Cable	9.8' (3m)	1/pkg	Nonin oximeter
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	Туре	Cable Length	Quantity	Compatibility
1431003	Soft Sensor, Small	3'(1m)	1/pkg	
105591	Soft Sensor, Small	9.8' (3m)	1/pkg	
1431004	Soft Sensor, Medium	3' (1m)	1/pkg	Nonin oximeter
105592	Soft Sensor, Medium	9.8' (3m)	1/pkg	Nonin oximeter
1431005	Soft Sensor, Large	3' (1m)	1/pkg	
105593	Soft Sensor, Large	9.8' (3m)	1/pkg	



Nonin Reusable Articulated Finger Clip Sensors

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

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



Nonin PureLight® Disposable Sensors

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

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



Masimo LNOP® Disposable Adhesive Sensors

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

Part Number	Туре	Quantity	Compatibility
103848	LNOP Adhesive Sensor, Adult	20/pkg	
104038	LNOP Adhesive Sensor, Pediatric	20/pkg	XItek PSG systems with
104557	LNOP Adhesive L-shaped Sensor, Infant	20/pkg	103847 cable
104558	LNOP Adhesive L-shaped Sensor, Neonate	20/pkg	





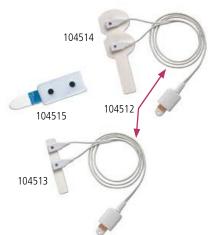
Oximetry



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	Туре	Cable Length	Quantity	Compatibility
008781	LNCS adhesive sensor, Adult	18" (45.7cm)	20/pkg	Xltek PSG
008782	LNCS adhesive sensor, Pediatric	18" (45.7cm)	20/pkg	systems with
008783	LNCS adhesive sensor, Infant	18" (45.7cm)	20/pkg	008776 cable



Masimo Y-I Multisite Reusable Sensors & Wraps

• For patients greater than 2.2lbs (1kg)

Part Number	Туре	Cable Length	Quantity	Compatibility
104512	LNOP Y-I Reusable Sensor	3' (0.9m)	1/pkg	Xltek with 103847 cable
008786	LNCS Y-I Reusable Sensor	3' (0.9m)	1/pkg	Xltek with 008776 cable
104514	Disposable Standard Wrap	n/a	100/pkg	Y-I Reusable Sensor
104513	Disposable Petite Wrap	n/a	100/pkg	Y-I Reusable Sensor
104515	Disposable Foam Wrap	n/a	12/pkg	Y-I Reusable Sensor



Masimo Reusable Sensors

• LNCS DBI reusable adult soft sensor with 3ft cable

Part Number	Туре	Cable Length	Quantity	Compatibility
008777	LNCS reusable sensor, Adult	3' (0.9m)	1/pkg	Xltek with 008776 cable



Masimo Reusable Finger Clip Sensors

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

Part Number	Туре	Cable Length	Quantity	Compatibility
104039	LNOP finger clip sensor, pediatric	3' (0.9m)	1/pkg	Xltek with 103847 cable
104040	LNOP finger clip sensor, adult	3' (0.9m)	1/pkg	Xltek with 103847 cable
008785	LNCS finger clip sensor, pediatric	3' (0.9m)	1/pkg	Xltek with 008776 cable
008784	LNCS finger clip sensor, adult	3' (0.9m)	1/pkg	Xltek with 008776 cable



Masimo Patient Cables

Part Number	Туре	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

Oximetry

Nellcor™ OxiMax™ Disposable Pulse Sensor

• For continuous oxygen saturation and pulse rate monitoring

Part Number	Туре	Cable Length	Quantity	Compatibility	
4140190	Disposable Sensor, Adult	36" (91.4cm)	24/pkg	Sandman SD32/SD20	



Nellcor Adult Oxygen Saturation Sensor, Two Piece

- Combines reusable cable with sterile, disposable adhesive sensor
- Cost-effective alternative for patients with adequate peripheral pulses

Part Number	Туре	Cable Length	Quantity	Compatibility
4140186	Disposable Sensor/reusable cable, Adult	36" (91.4cm)	1 cable & 24 sensors/pkg	Sandman SD32/SD20



Nellcor Adult-Neonatal Oxygen Saturation Sensor with Wraps

• Easy to use wrap-around design

Part Number Type		Cable Length	Quantity	Compatibility
4140188	Reusable Sensor, Disposable Wraps, Adult/Neonatal	36" (91.4cm)	1 sensor & 50 wraps/pkg	Embla/Nellcor OxiMax



Nellcor Reusable Clip Sensor

Convenient clip design assures quality and durability

Part Number	Туре	Cable Length	Quantity	Compatibility
4140189	Reusable Clip Sensor, Adult, Finger	36" (91.4cm)	1/pkg	Embla/Nellcor OxiMax



Nellcor Sensor Extension Cable

Part Number	Cable Length	Quantity	Compatibility
4140184	10' (3m)	1/pkg	Embla/Nellcor OxiMax





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	
1420100	Nasal/Oral	1' (0.3m) Terminates in a male Luer Lock connector without filter	25/pkg	Most pressure flow/snore sensors	
1420101	Nasal/Oral	7' (2.1m) Terminates in a male Luer Lock connector without filter	25/pkg	with standard Luer Lock connectors	



Adult Nasal Pressure Cannulas

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

Part Number	Туре	Size	Supply Tube Length	Quantity	Compatibility
1420002	Nasal	Adult	15" (38cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	
1420011	Nasal	Adult	47" (120cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
1420013	Nasal	Adult	71" (181cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	Eucl Lock Connectors



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	Туре	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420040	Nasal	0.3" (7.6mm)	3' (0.9m) 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	Туре	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420030	Nasal	0.36" (9.1mm)	3' (0.9m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors



CANNULAS

Pediatric Nasal Pressure Cannulas

- For patients one year of age and older
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420020	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
1420050	Nasal	0.475" (1.21mm)	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Luer Lock connectors



Nasal Pressure & Gas Sampling Cannulas

Disposable

Part Number	Туре	Size	Cannula Lengths	Quantity	Compatibility
005923	Nasal	Adult	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	Most pressure flow/snore sensors with standard
005925	Nasal	Pediatric	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	Luer Lock connectors



Adult ThermiSense® Nasal Pressure Cannulas with Filter

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

Part Number	Туре	Cannula Length	Quantity	Compatibility
1420110	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

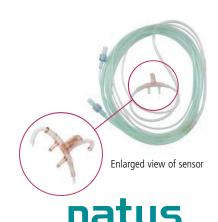
Part Number	Туре	Cannula Length	Quantity	Compatibility
1420111	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral flow
1420112	Nasal	2' (0.61m) Tubing terminates in male Luer Lock connector without filter	25/pkg	sensors



Adult ThermiSense Nasal/Oral Pressure & Gas Sampling Cannulas

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

Part Number	Туре	Cannula Lengths	Quantity	Compatibility
1420114	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





CANNULAS



Pediatric ThermiSense Nasal Pressure & Gas Sampling Cannulas

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

Part Number	Туре	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	Pediatric 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	Туре	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



Disposable Cannula Filters

Luer Lock connectors

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



DID YOU KNOW?

Sea otters hold hands when they sleep so they don't drift away from each other

ANCILLARY SLEEP SUPPLIES

Electrodes

Disposable Small Electrodes with Cable Attached

- Pre-gelled Ag/AgCl discs, contact area 22mm x 28mm
- Comfortable foam backing

Part Number	Туре	Lead Length	Quantity	Compatibility
1410514	Surface	39" (1m)	10/pkg	Most systems that accept 1.5mm touchproof connectors
1410515	Surface	59" (1.5m)	10/pkg	Most systems that accept 1.5mm touchproof connectors



Disposable Adhesive Center Snap Square Electrodes

- Solid gel Ag/AgCl electrodes, 1" x 1" cloth-backed contact area with robust adhesive
- Ideal for sleep studies

Part Number	Туре	Quantity	Compatibility
019-427000	Square Snap	15/pkg	Most systems that accept 1.5mm touchproof connectors; requires reusable snap leads





Disposable Adhesive Offset Snap Round Electrodes

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

Part Number	Туре	Quantity	Compatibility
1410505	Circular with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires reusable snap leads



Disposable Adhesive Offset Snap Small Electrodes

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

Part Number	Туре	Quantity	Compatibility
1410510	Oval with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires reusable snap leads

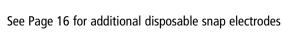




Disposable Adhesive Center Snap Round Electrode

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

Part Number	Туре	Quantity	Compatibility
1410500	Circular with center snap	30/pkg	Most systems that accept 1.5mm touchproof connectors; requires reusable snap leads







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	Туре	Lead Length	Quantity	Compatibility
1411517	Snap Leads	39" (1m)	2/pkg	Most systems that accept
1411524	Snap Leads	79" (2m)	2/pkg	1.5mm touchproof connectors



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
1411520	Snap Lead	60" (1.5m)	2/pkg	Most systems that accept
1411535	Snap Leads	120" (3m)	2/pkg	1.5mm touchproof connectors



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
1411530	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	Туре	Lead Length	Quantity	Compatibility
1411516	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 / Color	Quantity	Compatibility	
1411541	Snap Lead	24" (0.6m) / Red	1/pkg		
1411548	Snap Lead	24" (0.6m) / Green	1/pkg	Most systems that accept 1.5mm touchproof connectors	
1411542	Snap Lead	29.5" (0.75m) / Black	1/pkg		

ANCILLARY SLEEP SUPPLIES

Snap Leads

Reusable Snap Leads

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

Part Number	Туре	Lead Length	Quantity	Compatibility
F-SL48	Snap Lead	48" (1.2m)	3/pkg	
F-SL60	Snap Lead	60" (1.5m)	3/pkg	Most systems that accept 1.5mm touchproof connectors
F-SL72	Snap Lead	72" (1.8m)	3/pkg	
F-SL96	Snap Lead	96" (2.4m)	3/pkg	
F-SL120	Snap Lead	120" (3.0m)	3/pkg	



Reusable Snap Leads Breakout Cable

- Color-schemed for use with the Embla X100 Proxy
- Twisted red, yellow and black lead wires/button snaps breakout at 18" (0.46m); total lead length 28" (0.71m)
- Twisted green, orange and blue lead wires/button snaps breakout at 30" (0.76m); total lead length 40" (1m)
- Lead wires terminate in 1.5mm touchproof connectors

Part Number	Туре	Lead Length	Quantity	Compatibility
1411546	Snap Lead Breakout Cable	28" (0.71m) / 40" (1m)	1/pkg	Embla X100 Proxy



Velcro Straps

Velcro Elastic Straps

• Provides patient comfort while holding components securely in place

	•		•		
Part Number	Description	Length	Quantity	Compatibility	
1421234	Small Velcro Elastic Strap	30" (76cm)	1/pkg		
1421236	Medium Velcro Elastic Strap	45" (114cm)	1/pkg	Embla N7000, all Emblettas &	
1421238	Large Velcro Elastic Strap	72" (183cm)	1/pkg	most patient-worn PSG systems	
1421230	Velcro Elastic Strap Kit; one each Small, Medium, Large	One each of above	1 kit/pkg	most patient wom 150 systems	



Cable Wraps

• Ideal for bundling cables and wires

Part Number	Туре	Quantity	Compatibility
1450021	Velcro Cable Wraps	12/pkg	Most PSG systems

