CADWELL®
Helping you help others

SLEEP DIAGNOSTIC
SOLUTIONS GUIDE

MADE IN THE USA

This guide is designed to give you a comprehensive understanding of the hardware, software, supplies, accessories, and electrodes that Cadwell offers to support both in-lab and at-home sleep studies.

CADWELL IS ADVANCING THE FIELD OF SLEEP DIAGNOSTICS

Cadwell sleep diagnostic solutions in your sleep lab means you have quality, flexible sleep study equipment for polysomnography (PSG) and home sleep apnea testing (HSAT) on a single software platform. You're caring for your patients with time-tested and user-friendly solutions that give you clear signals. You're implementing efficient and flexible software with live remote viewing, concise reporting and complimentary software upgrades. You're also accessing a team of qualified, informed support personnel who have your back.

Utilize one software platform for all of your sleep diagnostic needs with flexible workspace configurations, customizable montages, intuitive oximetry messaging, better data management, bedside impedance checks, improved sleep scoring workflow, and customizable reports.

Our total sleep offering includes Easy® III and ApneaTrak® hardware with Easy III PSG software featuring optional EnsoSleep AI scoring and analysis, Sleepmate™ diagnostic sensors, plus our online store packed with all of the supplies and accessories you need to run your sleep studies.

Sleep Test	Description	Personnel	Signals Required	Cadwell Solution
Type 1	PSG, performed in a sleep lab	Attended	EEG, EOG, chin EMG, ECG, airflow, respiratory effort, blood oxygen saturation	Easy III
Type 3	Home Sleep Apnea Test (HSAT)	Unattended	Heart rate, blood oxygen saturation, body position, thoracic effort, nasal pressure	ApneaTrak
Type 4	Continuous recording of 1-2 channels	Unattended	1 - 2 channels	ApneaTrak

CONTENTS

ABOUT CADWELL	5
CADCARE CUSTOMER SUPPORT PROGRAMS	7
APNEATRAK HSAT SOLUTION OVERVIEW	9
APNEATRAK SYSTEMS + COMPONENTS	11
APNEATRAK STARTER PACKS	13
HSAT SUPPLIES	15
EASY III SOLUTION OVERVIEW	17
EASY III AMPS & PSG ELECTRODE KITS	19
EASYNET PATIENT MODULES & EASY III CABLES	21
EASY III PSG + HSAT SOFTWARE	23
PCS, MONITORS, POWER + ACCESSORIES	25
CARTS	27
AUXILIARY DEVICES	30
CAMERAS AND INFRARED ILLUMINATORS	32
AUDIO DEVICES	33
PSG ELECTRODES, DISPOSABLE	34
PSG ELECTRODES	35
THERMAL AND PRESSURE SENSORS	37
AIRFLOW SENSORS	40
SNORING SENSORS	41
DISPOSABLE EFFORT	42
REUSABLE EFFORT SENSORS	45
PULSE OXIMETRY	50
PREP SUPPLIES	52

A HISTORY OF CADWELL

The legacy that John and Carl Cadwell began in 1979 remains entirely focused on providing innovative and easy-to-use neurodiagnostic, neuromonitoring, and sleep diagnostic solutions.

We value customer input, innovation, product quality, intuitive usability, and outstanding user support to set new standards with our neurology solutions for:

- PSG and HSAT sleep diagnostics
- EEG brain monitoring
- EMG, EP, NCS and Ultrasound
- IONM surgical monitoring
- Data management
- Neuro consumables

We are committed to creating cutting-edge neurology technology and providing market-leading customer support. Cadwell is staying true to its mission: helping you help others.

OUR SLEEP DIAGNOSTICS REFLECTS DECADES OF INNOVATION

Easy® EEG was introduced in the 1990s. After years of providing multi-modal EEG with PSG, Cadwell released Easy PSG as its first dedicated sleep diagnostic solution with the industry's best report generator in 2000. Easy II followed, and then Easy III was launched in 2009. Today, the Easy III platform has been expanded to support both Easy III PSG and ApneaTrak HSAT.

CADWELL SLEEP PATENTS

Cadwell values innovation and collaboration, and our team of hardware and software designers have contributed three patents specific to Easy products:

- CannuTherm® Thermal Pressure Sensor
- Video Compression in Synchronous Video
- PSG Processing with Neural Networks

Visit www.cadwell.com/patents for the complete list of neurodiagnostic and intraoperative monitoring patents.

ABOUT CADWELL

WORLD-CLASS CUSTOMER CARE

The customer care Cadwell provides is unmatched in the neuro world. Our CadCare® Customer Support Programs give you additional options including extended service plans, and the CadLink® Software Support and Maintenance Program. With the purchase of each Neurodiagnostic or Intraoperative Monitoring system from Cadwell, you acquire:

- A lifetime CadCare Membership
- Limited Factory Warranty
- Limited Software Maintenance and Support

Increase your coverage on hardware with an Extended Service Package, which may include bundled discounts for support benefits, and multi-unit and multi-year discounts. Learn more at www.cadwell.com/cadcare.

FLEXIBLE INSTALLATION PLANS

For our sleep product solutions, you can choose from:

- On-site installation + training, 1 day (Part No. 8002300)
- On-site training, each additional day (Part No. 8002301)
- Computer configuration and setup (Part No. 8002001
- DIY: no installation or training (Part No. 9994024)

COMPLIMENTARY PREMIUM ONLINE SUPPORT

Cadwell's web-based Support site for USA-based customers provides easy access to:

- Downloadable Easy III PSG software updates and licensable feature upgrades
- User Guides and Frequently Asked Questions
- Video tutorials and recorded webinars, including:
  - ApneaTrak Quick Start and Patient Instruction Videos
  - PSG How to Videos

Register at cadwell.support/register.

CADWELL®

CadCare

CADCARE CUSTOMER SUPPORT PROGRAMS

The customer care Cadwell provides is unmatched in the neuro world. Our CadCare® Customer Support Programs give you additional options including extended service plans, the CadLink Software Support and Maintenance Program, and PSG, LTM and EMU 24/7 Premium Support.

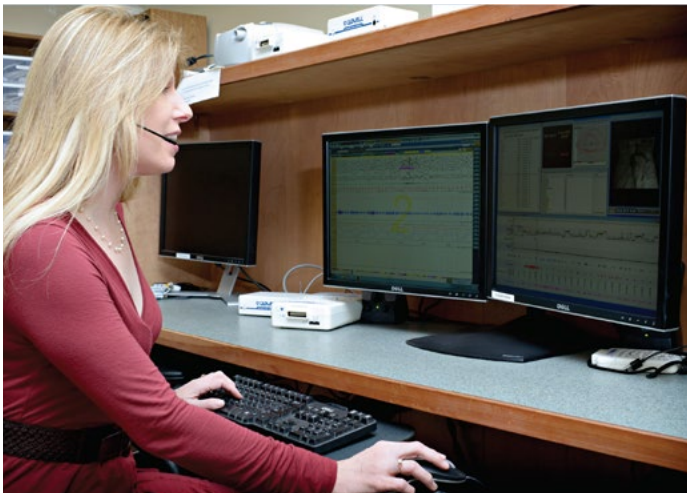
When a Cadwell system is purchased directly from Cadwell, that equipment is automatically enrolled in the CadCare Membership Program for as long as you own that equipment.

- **A lifetime CadCare Membership**
  Lifetime means the functional lifetime of the equipment, during which Cadwell is able to service, support and provide software updates for the piece of equipment; functionality may slowly diminish as software updates are no longer provided and parts become obsolete, at which time the functional lifetime of the equipment may cease.
- **Limited Factory Warranty**
  Limited Factory Warranty coverage is 12 months for new equipment or six months for refurbished equipment purchased from Cadwell.
- **Limited Software Maintenance and Support**
  Software Maintenance and Support is covered during the Limited Factory Warranty and may be purchased as an additional warranty coverage thereafter.

Increase your coverage on hardware with an Extended Service Package, which may include bundled discounts for support benefits, and multi-unit and multi-year discounts.

CADCARE MEMBERSHIP ELIGIBILITY

If your Cadwell equipment was purchased from a third-party seller, you must enroll that equipment in the CadCare Membership Program for $1,200 per system, per year of membership.



PSG, LTM & EMU 24/7 PREMIUM SUPPORT

Cadwell now offers dedicated 24/7 Premium Support for sleep and brain monitoring

Benefits Include:

- Phone and remote support coverage outside of normal working hours, including weekends and holidays
- General application support, operations questions, and report maintenance
- Scheduled appointments for customer follow-up
- Dedicated after hours support team
- Escalation path to senior support team

CADCARE CUSTOMER SUPPORT PROGRAMS

CADCARE OPTIONS

Cadwell Sleep systems qualify for CadCare:

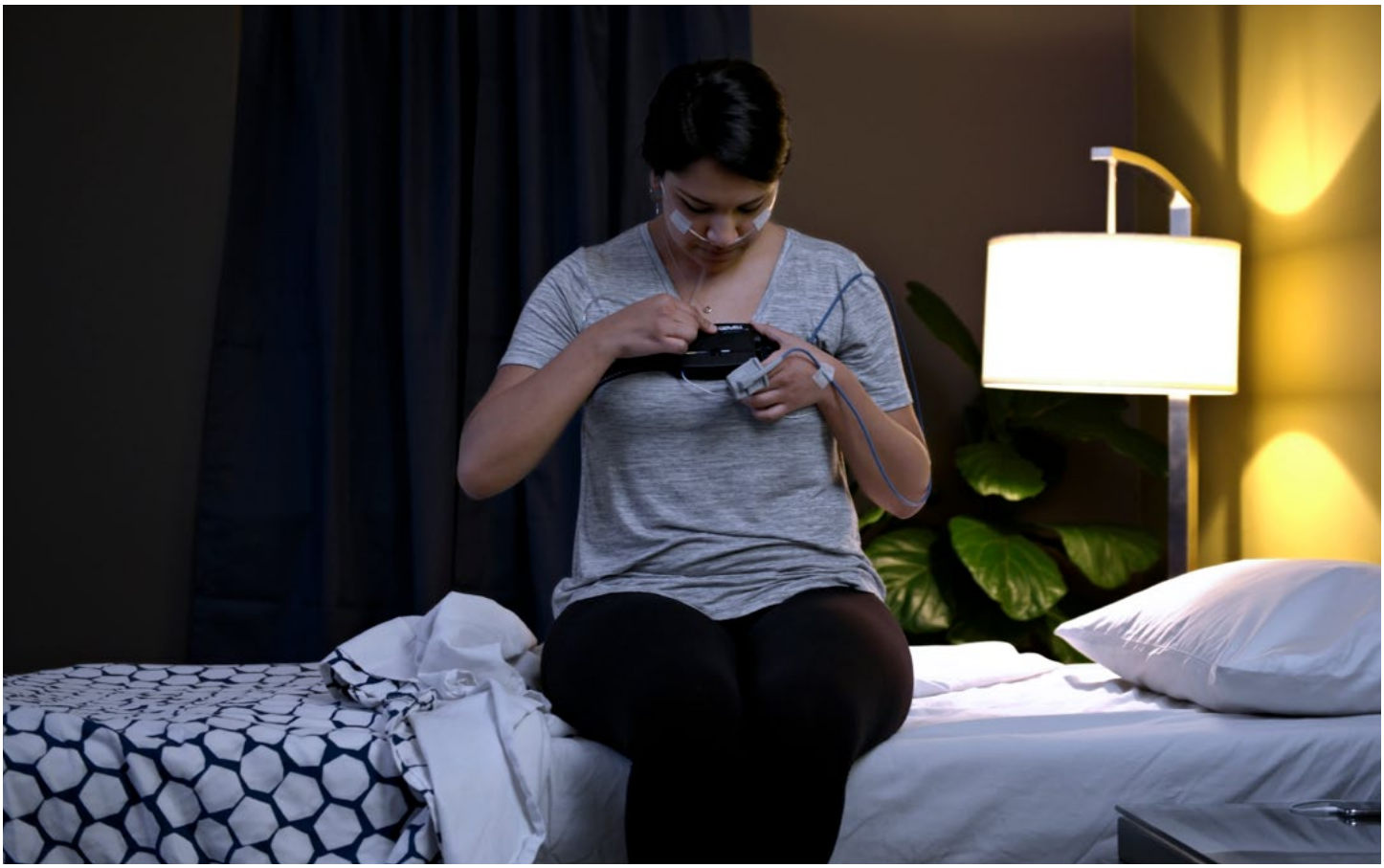
- Level 2 Extended Service Plan (Service Contract Part No. 8001212)
- Level 3 Extended Service Plan (Service Contract Part No. 8001213)
- Level 4 Extended Service Plan (Service Contract Part No. 8001214)
- PSG, LTM and EMU 24/7 Premium Support Plan (Service Contract Part No. 8001096)

Legend: ✓ = included, $ = available as a purchasable option, x = not available, % = discount available

Limited Warranty	CadCare Membership	Benefits	Extended Service Plans		
			2	3	4
✓	✓	Live phone answering (M-F, 4:30 a.m. – 5 p.m. PT)	✓	✓	✓
✓	✓	Phone support for general software application and hardware troubleshooting questions (M-F, 6:30 a.m. – 5 p.m. PT)	✓	✓	✓
✓	✓	PSG, LTM and EMU after-hours support for patient care disruptions	✓	✓	✓
✓	✓	Software upgrades (for purchased licensed features)	✓	✓	✓
✓	$	Custom report creation	$	✓	✓
✓	✓	Maintenance with existing reports	✓	✓	✓
✓	$	Application training via webinar	✓	✓	✓
✓	$	Diagnostic Remote Web Support	✓	✓	✓
✓	$	Preventative Maintenance (scheduled PM & 7-day turn options)	✓	✓	✓
✓	$	Equipment loaners	✓	✓	✓
✓	$	Shipping and handling of repairs and loaners	$	✓	✓
✓	$	Cadwell parts and labor (basic extended warranty)	✓	✓	✓
$	$	Expedited equipment repair	$	✓	✓
$	$	Workstation setup and configuration beyond original equipment install	$	$	✓
✓	$	Non-Cadwell peripheral equipment coverage (e.g. PCs and printers purchased from Cadwell)	$	$	✓
x	x	One-time discount for computer replacement	x	x	30%
✓	$	Software Maintenance and Support Plan (discounts available). Part No. 8001066	$	20%	30%
$	$	PSG, LTM and EMU 24/7 Premium Support Plan (discounts available). Part No. 8001096	20%	30%	✓

Learn more at www.cadwell.com/cadcare.

Customers are responsible for pulling all cables and installing any non cart-based cameras prior to the scheduled installation of the Cadwell system.



APNEATRAK FOR HSAT

Seamlessly integrate Type 3 home sleep study tests into your sleep lab with the new generation of ApneaTrak® Home Sleep Apnea Test (HSAT) device.

Thoughtful design helps your patients confidently and comfortably complete their testing. Setup is simple with color-coded connections, and anatomical imagery. The built-in, rechargeable battery records up to three nights on each charge.

ApneaTrak Disposable Kits are exclusive to the new ApneaTrak. No interface cables are required. Save time cleaning after every patient and reduce possible infection control issues. Upon return, keep the device and throw everything else away. Reusable kits are also available. Patient instruction videos, and color-coded connections help improve study success rates.

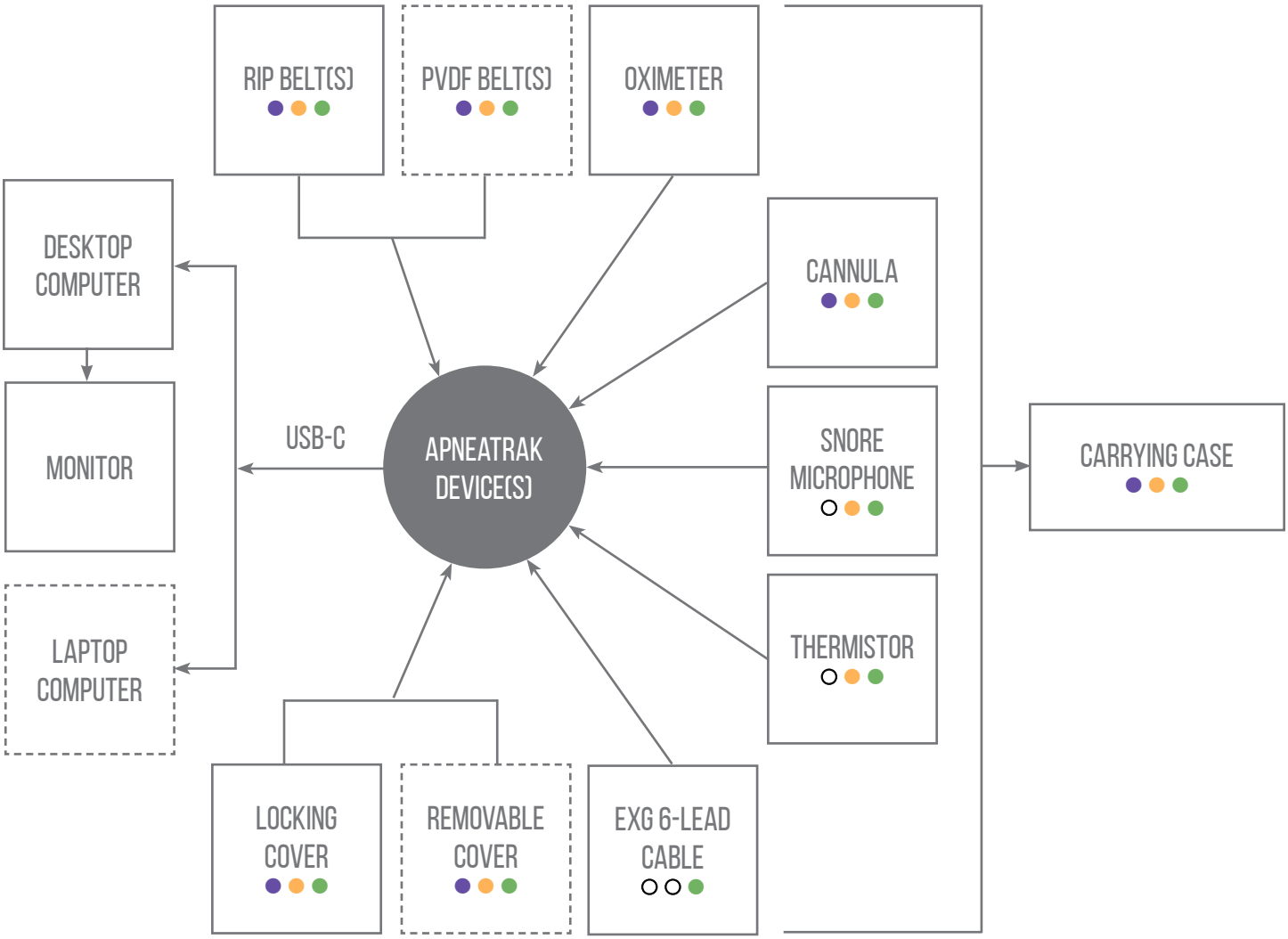
User and patient instruction videos and manuals help you seamlessly integrate ApneaTrak into your practice. ApneaTrak home sleep testing devices are powerful tools for the diagnosis and treatment of sleep apnea.

SIMPLIFY YOUR SLEEP PROGRAM WORKFLOW

ApneaTrak offers an efficient workflow. A single connection downloads data to the software for easy scoring and review, charges the ApneaTrak, and readies it for the next patient. Reviewing PSG and HSAT studies on one integrated software platform provides efficiency in training and ongoing use. Built-in, rechargeable batteries help reduce the costs of battery replacement and enable recording of up to 24 hours of data over three nights on a single charge.

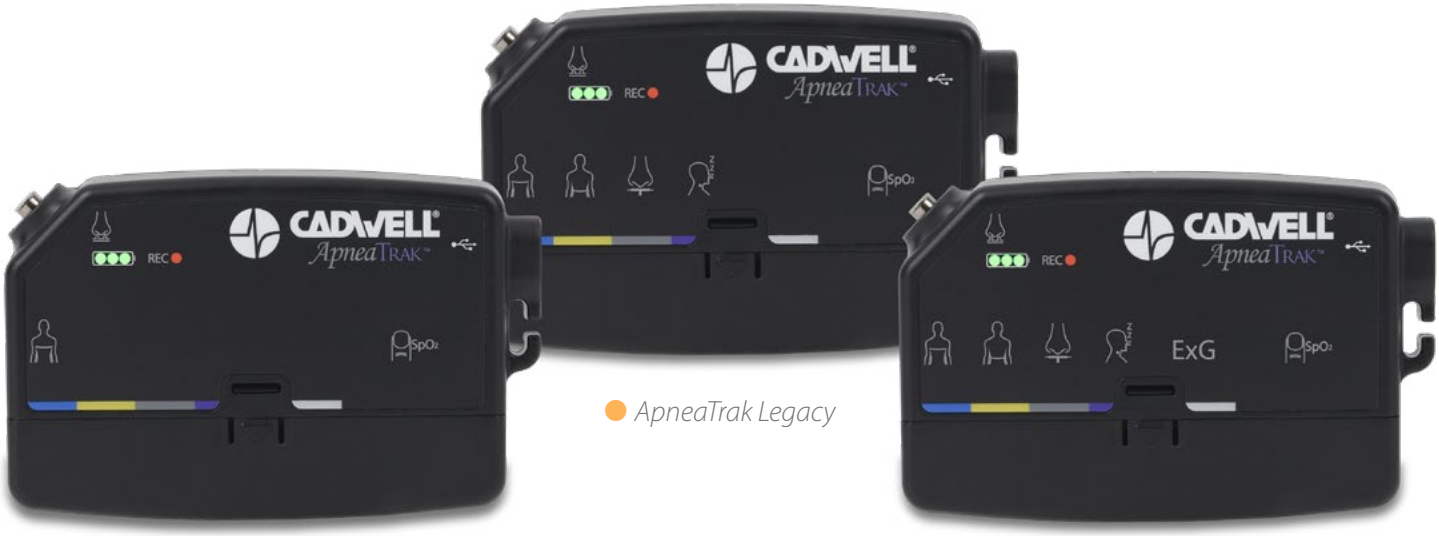
APNEATRAK HSAT SOLUTION OVERVIEW

Product Compatibility: ● ApneaTrak Core ● ApneaTrak Legacy ● ApneaTrak TST



Configuration	Core	Legacy	TST
Thoracic Effort	●	●	●
Oximeter	●	●	●
Pulse Rate	●	●	●
Snore (from cannula)	●	●	●
Pressure	●	●	●
Piethysmogyraphy	●	●	●
Body Position	●	●	●
Abdominal Effort		●	●
Snore Sensor		●	●
Thermistor		●	●
ExG (3 channels)			●
Channels	**7**	**10**	**13**

Solid lines denote typical configuration.
Dashed lines indicate optional equipment.



ApneaTrak Core

ApneaTrak Legacy

ApneaTrak TST

APNEATRAK SYSTEMS

Each ApneaTrak device purchased includes an ApneaTrak Starter Pack.

Product		Includes	Part No.
● ○ ○	**ApneaTrak Core System**	**1 ApneaTrak Core device and your choice of Starter Pack**	**9600734**
● ○ ○	Core Disposable Starter Pack	5 Disposable Core HSAT Kits + USB Cable + Pelican Case	9600737
● ○ ○	Core RIP Reusable Starter Pack	1 Pelican Case + 1 USB Cable + 1 RIPmate Effort Belt + 1 Chest RIP Cable + 1 Oximeter + 5 Cannulas	197302-200
● ○ ○	Core PVDF Reusable Starter Pack	1 Pelican Case + 1 USB Cable + 1 PVDF Effort Belt + 1 Oximeter + 5 Cannulas	197303-200
○ ● ○	**ApneaTrak Legacy System**	**1 ApneaTrak Legacy device and your choice of Starter Pack**	**9600735**
○ ● ○	Legacy Disposable Starter Pack	5 Disposable Legacy HSAT Kits + 1 USB Cable + 1 Pelican Case	9600738
○ ● ○	Legacy RIP Reusable Starter Pack	1 Pelican Case + 1 USB Cable + 2 RIPmate Effort Belts + 1 Chest RIP Cable + 1 Abdomen RIP Cable + 1 Oximeter + 5 Cannulas + 1 Snore Sensor + 1 Tape Roll	197304-200
○ ● ○	Legacy PVDF Reusable Starter Pack	1 Pelican Case + 1 USB Cable + 2 PVDF Effort Belts + 1 Oximeter + 5 Cannulas + 1 Snore Sensor + 1 Tape Roll	197305-200
○ ○ ●	**ApneaTrak TST System**	**1 ApneaTrak TST device and your choice of Starter Pack**	**9600736**
○ ○ ●	TST Disposable Starter Pack	1 ExG Cable + 5 Disposable TST HSAT Kits + 1 USB Cable + 1 Pelican Case	9600739
○ ○ ●	TST RIP Reusable Starter Pack	1 ExG Cable + 1 Pelican Case + 1 USB Cable + 2 RIPmate Effort Belts + 1 Chest RIP Cable + 1 Abdomen RIP Cable + 1 Oximeter + 5 Cannulas + 1 Snore Sensor + 1 Tape Roll	197306-200
○ ○ ●	TST PVDF Reusable Starter Pack	1 ExG Cable + 1 Pelican Case + 1 USB Cable + 2 PVDF Effort Belts + 1 Oximeter + 5 Cannulas + 1 Snore Sensor + 1 Tape Roll	197307-200

APNEATRAK SYSTEMS + COMPONENTS

Product Compatibility: ● ApneaTrak Core ● ApneaTrak Legacy ● ApneaTrak TST

APNEATRAK PELICAN CASE

Product		Part No.
● ● ●	ApneaTrak Pelican Case	198272-000

USB A-C CABLE

Product		Part No.
● ● ●	USB Cable, A-C Cable 6 ft	286113-000
● ● ●	USB Cable, A-C Cable 3 ft	286133-000

LOCKING COVER

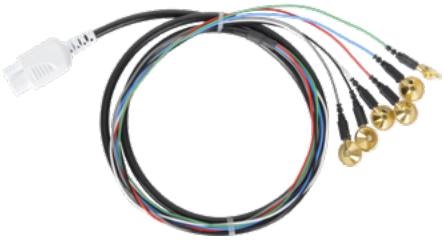
Product		Part No.
● ● ●	Locking Cover	336278-000

HAND REMOVABLE COVER

Product		Part No.
● ● ●	Hand Removable Cover	336253-000

BELT CLIP

Product		Part No.
● ● ●	Belt Clip Replacement	336255-000



EXG 6 GOLD CUP INTERFACE CABLE, REUSABLE

Product		Part No.
○ ○ ●	EXG 6 Gold Cup Interface Cable, Reusable	203104-200

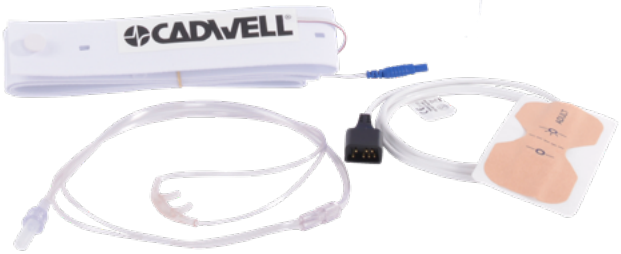
ApneaTrak®

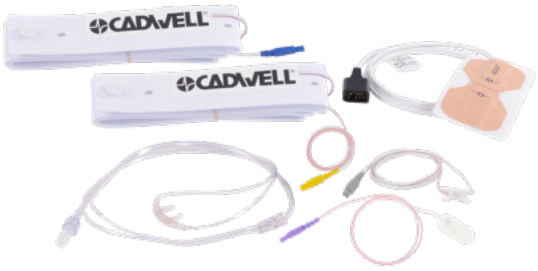
DISPOSABLE APNEATRAK STARTER PACKS

Disposable ApneaTrak Starter Packs are pre-packaged and completely disposable, with no interface cables required. The Pelican Case protects the ApneaTrak and HSAT Kits during patient transport, and the USB cable connects the device to the PC. Additional Disposable HSAT Kits may be purchased. All components have color-coded connectors to match the color coded ports on the ApneaTrak devices.

ApneaTrak Pelican® Case

USB A-C Cable





CORE DISPOSABLE STARTER PACK

Product		Part No.
● ○ ○	Core Disposable Starter Pack, includes:	9600737
	1 Pelican Case	198272-000
	1 USB Cable, A-C Cable 3 ft	286133-000
● ○ ○	5 Disposable Core HSAT Kits, each kit includes:	302026-000
	1 Disposable Chest Belt w/integrated cable	
	1 Disposable Nasal Cannula	
	1 Disposable Oximeter	

TST DISPOSABLE STARTER PACK

Product		Part No.
○ ○ ●	TST Disposable Starter Pack, includes:	9600739
	1 Pelican Case	198272-000
	1 USB Cable, A-C Cable 3 ft	286133-000
	1 EXG 6 Gold Cup Interface Cable, Reusable	203104-200
○ ● ●	5 Disposable Legacy HSAT Kits *(see kit listing at right for contents)*	302027-000

LEGACY DISPOSABLE STARTER PACK

Product		Part No.
○ ● ○	Legacy Disposable Starter Pack, includes:	9600738
	1 Pelican Case	198272-000
	1 USB Cable, A-C Cable 3 ft	286133-000
○ ● ●	5 Disposable Legacy HSAT Kits, each kit includes:	302027-000
	1 Disposable Chest Belt with integrated cable	
	1 Disposable Abdomen Belt with integrated cable	
	1 Disposable Nasal Cannula	
	1 Disposable Oximeter	
	1 Airflow Sensor	
	1 Snore Sensor	

APNEATRAK STARTER PACKS

Product Compatibility: ● *ApneaTrak Core* ● *ApneaTrak Legacy* ● *ApneaTrak TST*

REUSABLE APNEATRAK STARTER PACKS

Reusable ApneaTrak Starter Packs for Core, Legacy and TST include components that can be disinfected between patients. The Pelican Case protects the ApneaTrak and HSAT Kits during patient transport, and the USB cable connects the device to the PC. All components have color-coded connectors to match the color coded ports on the ApneaTrak devices.

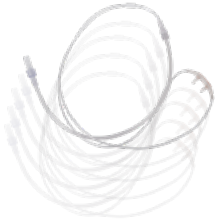
ApneaTrak Pelican® Case

USB A-C Cable

RIPmate Effort Belt

RIP effort chest cable

Reusable soft oximeter



Cannulas

RIP effort abdomen cable

Reusable Snore Sensor

3M® Micropore Tape

Reusable EXG 6 Gold Cup Interface Cable

● 197302-200 Core Reusable Starter Pack includes	● 197304-200 Legacy Reusable Starter Pack includes	● 197306-200 TST Reusable Starter Pack includes	Product	Part No.
1	1	1	Pelican Case	198272-000
1	1	1	USB Cable, A-C Cable 36 in	286133-000
1	2	2	RIPmate Effort Belt, Chest or Abdomen, adult	202648-040
1	1	1	RIP Effort Chest Cable, 10 in, blue	202449-200-010
1	1	1	Reusable Soft Oximeter	304001-000
5	5	5	Cannulas	202670-040-001E
-	1	1	RIP Effort Abdomen Cable, 20 in, yellow	202448-200-020
-	1	1	Reusable Snore Sensor	302563-200-1024
-	1	1	3M Micropore Tape roll	202364-000
-	-	1	Reusable EXG 6 Gold Cup Interface Cable	203104-200

DISPOSABLE FASTTRACK EFFORT

Use the buttons and cut off excess belt to adjust the length of disposable FastTrack Effort Belts with integrated cables.

Product		Dymedix No.	Part No.
○ ● ●	1 Disposable FastTrack Effort Belt Keyhole Kit = 1 Chest Belt + 1 Abdomen Belt	11-44300-7502	203086-000
○ ● ●	10 Disposable FastTrack Effort Belt Keyhole Kits = 10 Chest Belts + 10 Abdomen Belts	11-44300-7510	203086-000-010
○ ● ●	50 Disposable FastTrack Effort Belt Keyhole Kits = 50 Chest Belts + 50 Abdomen Belts	11-44300-7502	203086-000-050
● ● ●	1 Disposable FastTrack Chest Effort Belt Keyhole	11-44100-7501	203085-000
● ● ●	10 Disposable FastTrack Chest Effort Belts Keyhole	11-44100-7510	203085-000-010
● ● ●	50 Disposable FastTrack Chest Effort Belts Keyhole	11-44100-7550	203085-000-050

DISPOSABLE PERFECTFIT 3D EFFORT

Disposable Effort Belt Strap comes in 50-yard rolls and is cut to size and attach by buttonholes to PerfectFit 3D PVDF effort sensors with integrated interface cables.

Product		Part No.
○ ● ●	PerfectFit 3D Kit for ApneaTrak = 1 reusable Abdomen Effort Keyhole Sensor + 1 reusable Chest Effort Keyhole Sensor + 5 50-yard Disposable Button-Hole Effort Belt Rolls	203086-000
○ ● ●	Abdomen Effort Belt Sensor, reusable, yellow keyhole	203086-000-010
● ● ●	Chest Effort Belt Sensor, reusable, blue keyhole	203085-000-010
● ● ●	1 roll Disposable Effort Belt Strap, 50 yards	203085-000-050

HSAT SUPPLIES

Product Compatibility: ● ApneaTrak Core ● ApneaTrak Legacy ● ApneaTrak TST

RIPMATE EFFORT

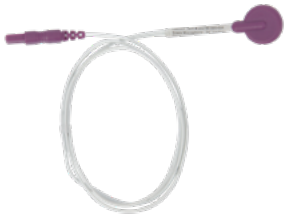
RIPmate Effort Belt is adjustable and used with RIP effort cables.

Product		Part No.
● ● ●	RIPmate Effort Belt, Chest or Abdomen, adult	202648-040
● ● ●	Chest RIP Cable, 10 in, blue	202449-200-010
● ● ●	Abdomen RIP Cable, 20 in, yellow	202448-200-020

APNEATRAK PVDF EFFORT

ApneaTrak PVDF Belts are adjustable and attach by buckles to sensors with integrated interface cables.

Product		Dymedix No.	Part No.
● ● ●	1 ApneaTrak PVDF Chest Kit = 1 Chest Sensor + 1 Belt	11-94320-0601	203093-000
○ ● ●	1 ApneaTrak Adult PVDF Chest + Abdomen Kit = 1 Chest Sensor + 1 Abdomen Sensor + 2 Belts	11-94330-0602	203094-000
● ● ●	1 ApneaTrak PVDF Chest Sensor	11-42710-0601	203095-000
○ ● ●	1 ApneaTrak PVDF Abdomen Sensor	-	203096-000
● ● ●	2 ApneaTrak PVDF Belt Straps, 45 in	11-432000-4502	203006-050
● ● ●	2 ApneaTrak PVDF Belt Straps, 60 in	11-432000-6002	203006-060
● ● ●	2 ApneaTrak PVDF Belt Straps, 75 in	11-43200-7502	203006-070

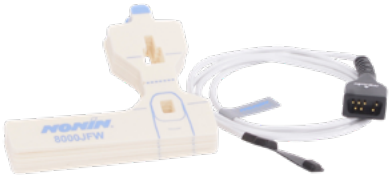


SLEEPMATE SNORING SENSOR/ MICROPHONE

Product		Part No.
○ ● ●	Sleepmate Snoring Sensor/ Microphone, reusable	302563-200-1024

REUSABLE SOFT OXIMETER

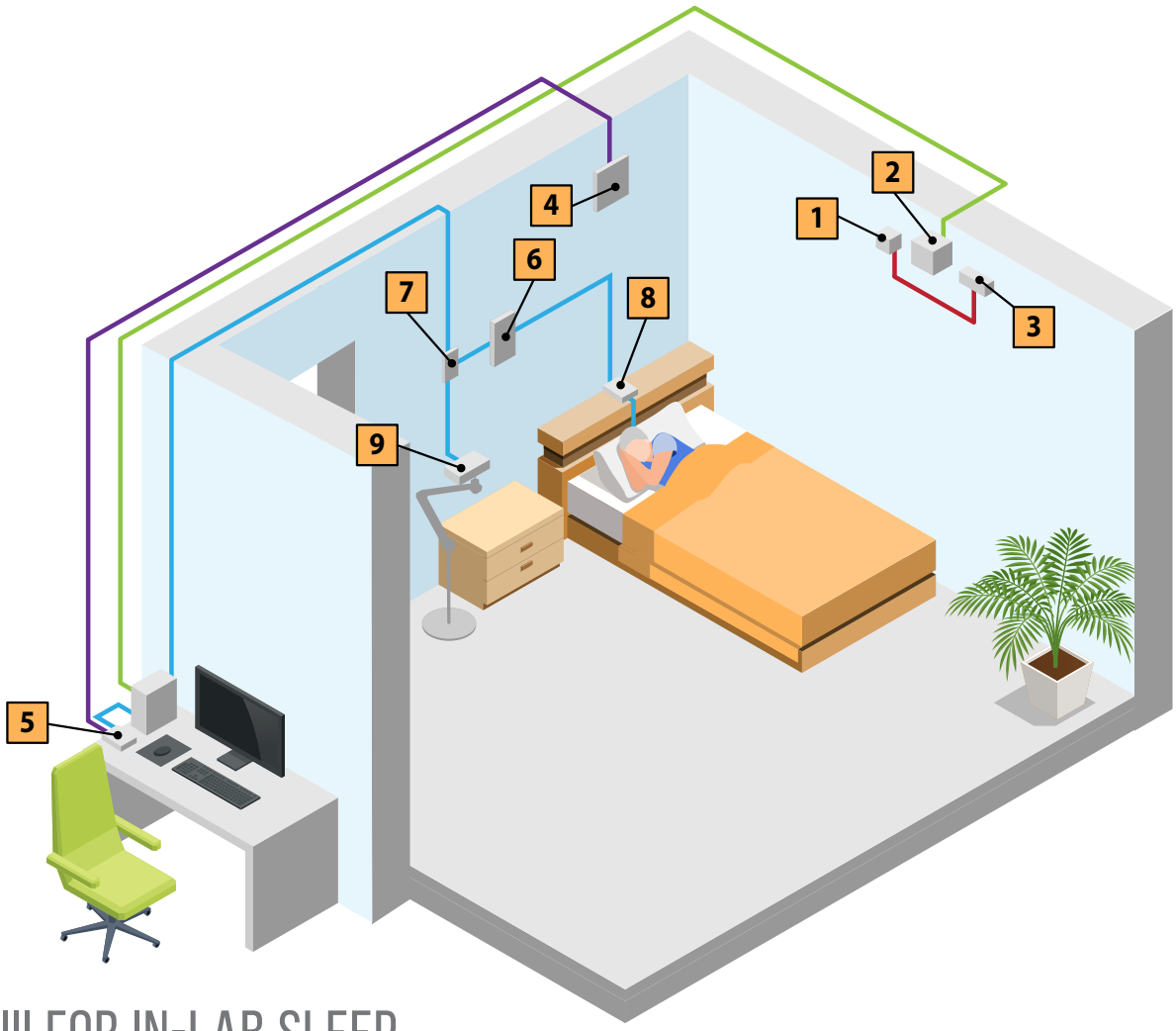
Product		Part No.
● ● ●	Soft Oximeter, reusable	304001-000



Nonin Adult Flex Sensor (right) with Nonin Adult FlexiWraps (left)

NONIN FLEX SENSOR + FLEXIWRAPS

Product		Part No.
● ● ●	Nonin® Soft Oximeter, medium, 1m/39 in, reusable	202948-040-100
● ● ●	Nonin Oximeter, large, 1m/39 in, reusable	202948-050-100
● ● ●	Nonin Adult Oximetry Flex Sensor, 1m/39 in, reusable	202942-000-100
● ● ●	+ 25 disposable Nonin Adult FlexiWraps	202945-000



EASY III FOR IN-LAB SLEEP MONITORING

Easy® III lets you record crystal clear signals with 4kHz sampling rate and bedside impedance checks. The Easy III amplifier with integrated DC channels stays safely mounted to the wall or night stand.

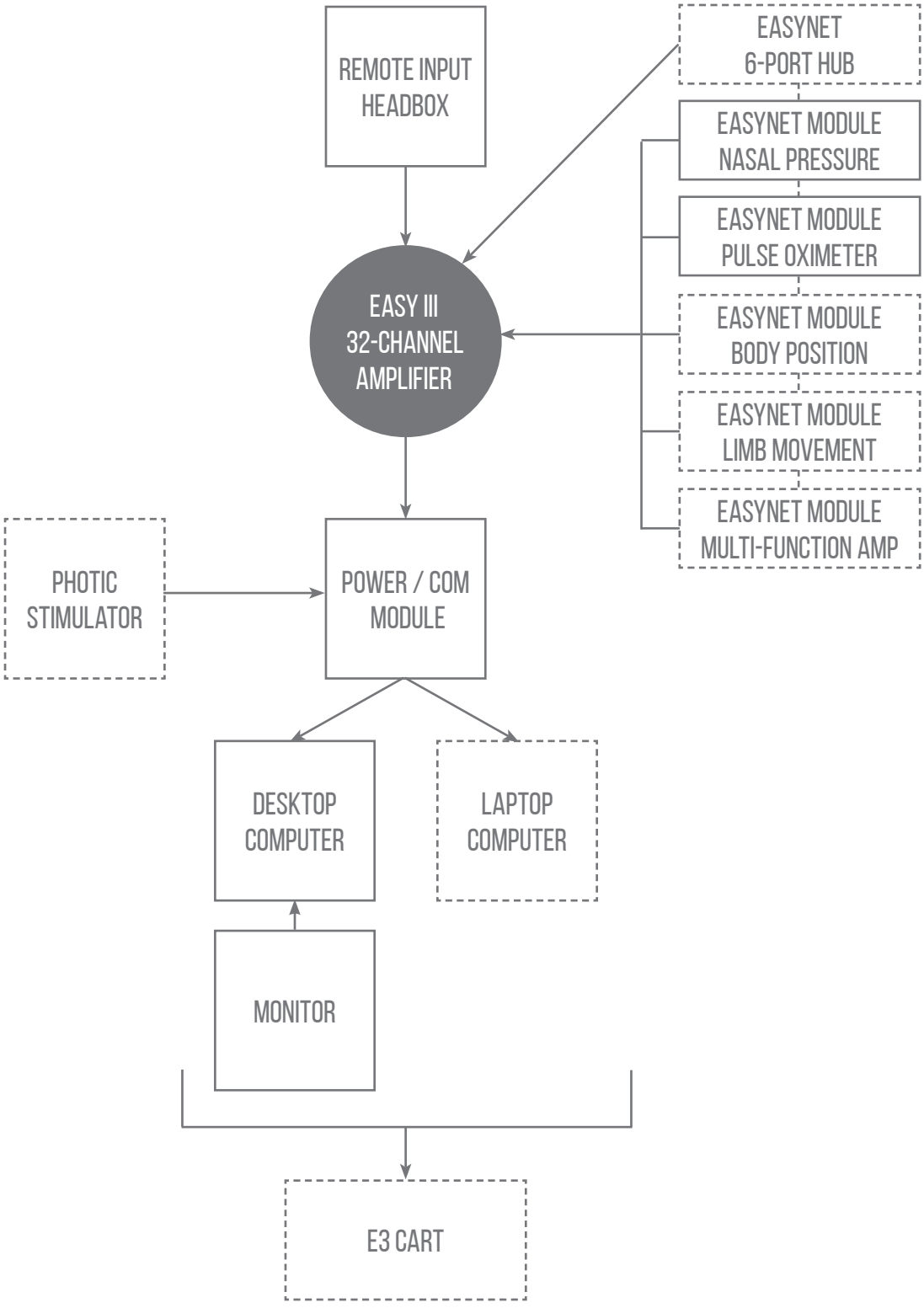
The color-coded Remote Input Box simplifies the connection of electrodes and sensors. Place your signals at the amplifier or on the patient with up to 12 EasyNet® Patient Modules for nasal pressure, oximetry, body position or limb movement actigraphy.

You can use Easy III's 8 DC channels to communicate with a wide variety of auxiliary equipment. Use In-Lab Titration devices from any manufacturer, your favorite CO_2 device, or even add nocturnal pH tracking.

TYPICAL PSG SLEEP LAB CONFIGURATION

1. *IR Illuminator*
2. *Panasonic PTZ Camera*
3. *PoE (Power over Ethernet)*
4. *Louroe Intercom*
5. *Louroe Base Module*
6. *Easy III Amplifier*
7. *Easy III Power/Com Module*
8. *Easy III Remote Input Box*
9. *Photic Stimulator (Optional)*

EASY III SOLUTION OVERVIEW



Solid lines denote typical configuration. Dashed lines indicate optional equipment. EasyNet Modules can be daisy-chained or used with the EasyNet 6-port Hub

EASY III PSG AMPLIFIER

The Easy III amplifier offers 4 kHz sampling rate and 32 onboard channels, with integrated DC channels and bedside impedance checking. When used with the complete EasyNet Patient Module setup and Remote Input Box, this amplifier enables a 54-channel in-lab PSG system.

Order Qty.	Product	Part No.
54-Channel Easy III PSG System	Easy III PSG 32-channel amplifier, Remote Input Box with 10-foot input cable, and your choice of reusable or disposable adult or pediatric PSG Electrode Kit.	9800001

Easy III Amplifier Wall Bracket

EASY III MOUNTING OPTIONS

Product	Part No.
Easy III Amplifier Wall Bracket	334760-000
C-Clamp Arm Mount (for older Cadwell carts)	334919-000

REMOTE INPUT BOX

Protect your amplifier and increase patient comfort with the Remote Input Box. Color-coded inputs in a 10-20 pattern simplify the connection of electrodes and sensors.

Product	Length m	Length ft	Part No.
Remote Input Box with 10-20 pattern and top electrode plugs	-	-	190256-200
Cables	3	10	199216-000
	6	20	199216-000-020
	9	30	199216-000-030
Replacement Lanyard	-	-	067002-000

EASY III POWER/COM MODULE

The Power/Com (Power/Communication) Module connects Easy III amplifiers to the computer via a standard 10 BASE-T Ethernet communication cable and provides power via the AC power cable.

Order Qty.	Product	Part No.
1	Power/Com Module	190245-200
Optional	Power-Com Module Wall Bracket	197226-200

EASY III AMPS & PSG ELECTRODE KITS

PSG ELECTRODE KITS

With each Easy III PSG system you purchase, you can choose which PSG Electrode Kit to receive with your order. You can also order additional kits. Adult and Pediatric Disposable Kits also come with a Disposable Interface Kit.

9800004 Adult Disposable Kit includes:	Part No.
20 x 15/pack Cadwell Disposable Cup Electrodes, 2.4 m/98 in	302642-000-098
2 x 10/box Cadwell Disposable 4-disc Electrodes, 2.4 m/98 in	302298-000-098
4 x 10/box Cadwell Disposable 4-disc Electrodes, 3 m/118 in	302298-000-118
25 Nasal Airflow Cannulas, adult, 2 m/84 in	202663-040-007
2 x 10/pack PVDF Airflow Sensor, Medium	203027-000-010
2 x 10/pack AccuSnore Disposable Sensors	203107-000-010
1 RIPmate Disposable Belt Roll, 32m/105 ft	302513-200-0000
24 MedLinket Disposable Adult Oximeters, 1.2 m/47 in	202941-030

9800006 Pediatric Disposable Kit includes:	Part No.
20 x 15/pack Cadwell Disposable Cup Electrodes, 2.4 m/98 in	302642-000-098
2 x 10/box Cadwell Disposable 4-disc Electrodes, 2.4 m/98 in	302298-000-098
4 x 10/box Cadwell Disposable 4-disc Electrodes, 3 m/118 in	302298-000-118
25 Nasal Airflow/$EtCO_2$ Cannulas, pediatric, 17 cm/7 in	202664-020-007
2 x 10/pack PVDF Airflow Sensors, Medium	203027-000-010
2 x 10/pack AccuSnore Disposable Sensors	203107-000-010
1 RIPmate Disposable Belt Roll, 32m/105 ft	302513-200-000
24 Nonin 6000CP Disposable Oximeters, pediatric 1 m/39 in	202940-020

9800007 Disposable Interface Kit includes:	Part No.
1 DyMedix Airflow FM1 Interface Cable, TP	203026-000
1 AccuSnore Reusable Interface Cable, TP	203106-000
1 set RIP Locks for Disposable Bands, 2 m/80 in	302514-200-1080
1 Nonin Oximeter Extender Cable, 3m/120 in	202949-000
1 RIPmate Thoracic Processor	302518-200-0000
1 RIPmate Abdominal Processor	302519-200-0000

9800003 Adult Reusable Kit includes:	Part No.
10 Cadwell Gold Cup Electrodes, red leads, 1.5 m/60 in	302647-200
10 Cadwell Gold Cup Electrodes, black leads, 1.5 m/60 in	302641-200
1 Flat Snap Electrode, red lead, 1.5 m/60 in	302696-200
1 Flat Snap Electrode, black lead, 1.5 m/60 in	302697-200
2 Flat Snap Electrodes, red leads, 3 m/120 in	302698-200
2 Flat Snap Electrode, black leads, 3 m/120 in	302699-200
3 x 20/pack Oval Adhesive Gel Electrodes	302701-000
25 CannuTherm Cannulas with Filters, 2 m/84 in	302547-200-0484
1 CannuTherm Thermocouple Kit = 1 Thermocouple Sensor, TP, 2 m/80 in + 50 Nasal Cannulas with Filter, 2 m/84 in	302534-200-0080
1 Snore Microphone, TP, 2 m/80 in	302556-200-0080
1 RIPmate Adult Kit, TP, 2 m/80 in	302510-200-0480
1 Soft Pulse Oximeter, medium, 3 m/120 in	202948-040-300

9800005 Pediatric Reusable Kit includes:	Part No.
10 Cadwell Gold Cup Electrodes, red leads, 1.5 m/60 in	302647-200
10 Cadwell Gold Cup Electrodes, black leads, 1.5 m/60 in	302641-200
1 Flat Snap Electrode, red lead, 1.5 m/60 in	302696-200
1 Flat Snap Electrode, black lead, 1.5 m/60 in	302697-200
2 Flat Snap Electrodes, red leads, 3 m/120 in	302698-200
2 Flat Snap Electrode, black leads, 3 m/120 in	302699-200
3 x 20/pack Oval Adhesive Gel Electrodes	302701-000
25 Nasal Airflow/$EtCO_2$ Cannulas, pediatric, 17 cm/7 in	202664-020-007
1 ThermiSense Pediatric Thermistor Kit = 1 Interface Box + 1 Pediatric Oral/Nasal Thermistor + 1 Nasal $EtCO_2$ and Pressure Monitoring Cannula + 1 Oral/Nasal $EtCO_2$ Pressure Monitoring Cannula + 1 Cannula Filter	202662-020
1 Snore Microphone, TP, 2 m/80 in	302556-200-0080
1 RIPmate Pediatric Kit = 2 Pediatric Belts + 1 Thoracic Processor + 1 Abdomen Processor + 2 80 in cables	302510-200-0280
1 Nonin 8000J Pediatric Flex Sensor Kit = 1 Pediatric Flex Sensor + 25 FlexiWrap Adhesives	202944-030-100
1 Nonin Oximeter Extender Cable, 3m/120 in	202949-000

EASYNET PATIENT MODULES

Place your signals at the amplifier or on the patient with up to 12 EasyNet Patient Modules for nasal pressure, oximetry, body position or limb movement actigraphy.

Limb Movement Module

Body Position Module

Nasal Pressure Module

Oximeter Module

Multi-Purpose Module collects EKG, airflow, respiratory effort, and snoring signals.

Add the 6-port hub to utilize even more EasyNet Modules.

Product	Part No.
Limb Movement Module	190208-200
Body Position Module	190210-200
Nasal Pressure Module	190207-200
Oximeter Module	190211-200
Multi-Purpose Module	190212-200
6-Port Hub	190214-200

EASYNET CABLE TESTER

Test the integrity of EasyNet cables prior to each study.

Product	Part No.
EasyNet Cable Tester	190219-200

EASYNET CABLES

Connect the EasyNet Patient Modules to the Easy III amplifier. Multiple color-coded lengths are available.

Cable Color	Length m	Length ft	Part No.
Yellow	0.25	0.83	199236-200-010
Red	1.01	3.3	199236-200-040
White	1.77	5.83	199236-200-070
Black	4.57	15	199236-200-180

EASYNET PATIENT MODULES & EASY III CABLES

AMPLIFIER CABLE

Connects Easy III Amplifier to Power/Com Module for power and communications.

Product	Length m	ft	Part No.
Amplifier Cable	0.45	1.5	362046-000
	2	6	362038-000
	4	13	362039-000

AC POWER CABLE FOR POWER/COM MODULE

Connects Power/Com Module to AC Power.

Product	Length m	ft	Part No.
AC Power Cable	3	9.75	286114-000

10 BASE-T CABLE

Connects Power/Com Module to PC for data communication. Also used between camera and PC, and camera to HPoE Adapter.

Product	Length m	ft	Part No.
10 BASE-T Cable	2	6.5	286050-000
	7.6	25	199136-200-025
	15.2	50	199136-200-050
	22.8	75	199136-200-075
	30.4	100	199136-200-100

REMOTE INPUT BOX CABLE

Connects Easy III Amplifier to Remote input Box.

Product	Length m	ft	Part No.
Remote Input Box Cable	3	10	199216-000
	6	20	199216-000-020
	9	30	199216-000-030

DC AMP CABLE AND ADAPTER

3.5 mm mono Male to 3.5 mm mono Male cable for connection of auxiliary /DC decives.

Cable Adapter adapts 3.5 mm mono DC input to 2.5 mm mono for auxiliary channels needing smaller connection

Product	Length m	ft	Part No.
DC Amp Cable	1.82	6	199245-200-006
DC Amp Cable Adapter	-	-	277035-000

EASY III PSG SOFTWARE

Streamline your sleep diagnostic testing with integrated PSG and HSAT. Initialize, record, score and review both HSAT and PSG, performing all of your sleep diagnostics using one efficient software platform and workflow.

NEW FEATURES

- Clinical Metrics (Report Tokens) in Digital Value Panel
- Auto refreshing Report Token view
- Heart Rate Variability (HRV) Graphs
- Respiratory Effort SUM Channel
- New progress indicator for sequentially opened records
- Batch changing of respiratory events
- Report on duration between record status changes in Clinical Database

FLEXIBLE WORKSPACE CONFIGURATIONS

- Role-based, personalized software behaves the way you want and can be modified on-the-fly
- Configure your recording workspace to see everything on a single monitor, or customize a dual-monitor workspace
- Simultaneously monitor live and recorded video to improve patient care during the study
- Synchronized montages and reports mean you don't need to copy files to every station
- Build your workspace across multiple monitors, or consolidate to a single monitor display

BETTER DATA MANAGEMENT

- Customizable montages
- Quickly estimate the presence of N3 sleep with Delta Highlight
- Bedside impedance checks
- Intuitive oximetry messaging
- Simplify your workflow and save time with better data management and Auto-Archiving

CUSTOMIZABLE REPORTS

- Build reports the way you want them with flexible and configurable templates
- Make your workflow more efficient by instantly sending results to the EMR via HL7Link
- Highly detailed titration reports provide more insight into your complex patients, including AdaptSV, AutoSV, AVAPS, iVAPS, Inspire, and Oral Appliance Therapy

IMPROVED SLEEP SCORING WORKFLOW

- ApneaTrak studies appear in the Easy III Review window. Score ApneaTrak data exactly how you score PSG studies
- Integrate EnsoSleep to enable AI-based staging and event detection

INTEGRATED AI AUTO SCORING

- EnsoSleep delivers Artificial Intelligence scoring and analysis on PSG and HSAT data in a matter of minutes, with >90% agreement. Integrating EnsoSleep empowers you with time savings and scoring consistency, so you can spend more time helping with patient education and compliance

MONITOR ANYWHERE

- Access all stored data as well as live recordings from anywhere via Citrix. Build physician worklists so you know which studies you've already done and which studies need to be completed

EASY III PSG + HSAT SOFTWARE

EASY III SOFTWARE

Order one per Easy III software station	Part No.
Easy III PSG Reader License (if purchasing PC from Cadwell)	USB: 369031-201 CD: 369031-200
Easy III PSG Reader License (if using your own PC)	USB: 9600510 CD: 9600509

EASY III SOFTWARE OPTIONS

Options	Part No.	ApneaTrak
Easy III License for Citrix Server allows users to read without a Reader License	369031-455	✓
Remote Viewing License if using VPN without a Citrix Server	369031-457	✓
Q-Video Software	369031-450	
Sentinel Nurse Monitoring Software monitor up to six (6) beds	369031-453	
HL7 Link Server Software includes installation and configuration	369035-200	
Microsoft Office License (if needed)	295036-000	
Med Phar Spell Check	295041-000	
Easy III Technical Manual, CD	100840-621-200	
Easy III Technical Manual, USB	100840-621-201	

PERSONAL COMPUTERS AND MONITORS

Easy III PSG may be installed on either computers supplied by Cadwell or computers managed and maintained by your IT department, if they meet Cadwell's minimum computer requirements. Computers purchased from Cadwell include Microsoft Office. Computers models may change. Call your Cadwell Sales Representative for the latest available computer options and to review the minimum computer requirements.

Order Qty.	Product	Part No.
Your choice of PC	All-in-One (AIO) Desktop PC (27 in) (needs no external monitor, not for Pole Cart Use)	9602138
	High performance laptop PC (not for use as CadLink server)	9602141
	+ (optional) Portable DVD drive	*291238-000*
	Small Form Factor (SFF) Desktop PC	9602134
	Mini PC (single monitor use only)	9602145
+ your choice of monitor(s)	Dual Monitor Kit for SFF (includes 2x24 in monitors)	9602011
	24 in Flat Panel Widescreen Monitor (for use on a cart)	9602009
	27 in Flat Panel Widescreen Monitor (compatible with single monitor carts and recommended for desktop system)	291255-000
+ optional	Wireless Keyboard and Mouse	291214-000
	Wireless Mouse	291202-000
	USB Mouse	291161-000
	Speaker, Soundbar (for 24 in monitor only)	291216-000
	Speaker, USB	291258-200
	4-port USB Hub	290156-000
	7-port USB Hub (for ApneaTrak)	290173-000
	13-port USB Hub (for ApneaTrak)	302027-000
	Monitor or AIO Wall Mount Bracket	080015-000
	Ethernet Adapter, StarTech USB (when using AIO with Sony cameras)	286098-000
	Ethernet Adapter, Linksys USB	290158-000
	5-port Ethernet 10/100/1GB Switch (for three (3) or more PCs)	290152-000
	Display Port Cable for SFF (if you provide your own monitor)	286116-000
	additional 7 ft Patch Cable	286050-000
	Medical Grade Uninterrupted Power Supply, 1k VA, with 4 outlets	9010006
	Medical Grade Power Strip with 6-plugs	291265-000

PCS, MONITORS, POWER + ACCESSORIES

ALL-IN-ONE 27 INCH DESKTOP PC

Requires no external monitor. Compatible with any single-monitor configuration.

SMALL FORM FACTOR PC

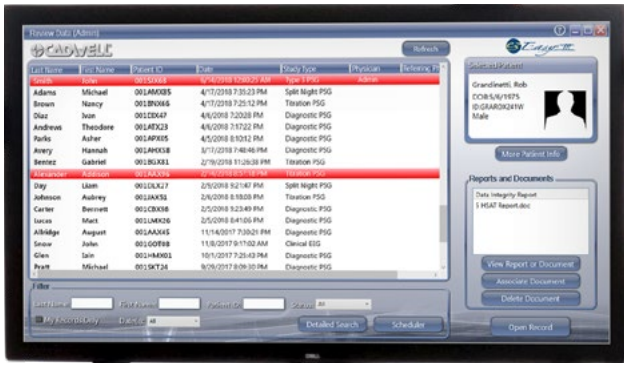
Use with Dual Monitor Kit or monitors.

HIGH PERFORMANCE LAPTOP PC

Can be used with external monitor(s).

27 INCH FLAT PANEL WIDESCREEN MONITOR

For use with Laptop or SFF Desktop PC on single-monitor carts.



24 INCH FLAT PANEL WIDESCREEN MONITOR

For use with Laptop or SFF Desktop PC (also available in Dual Monitor Kit for SFF).

Removable supply drawer

Keyboard tray with choice of left or right mouse tray

Worksurface

Lower bin and divider plate (space for UPS, SFF or shelf space for a CPAP when no UPS is used on cart

Control movement with directionally-locking 5 in/13 cm casters

Camera Kit with Pole

The back panel door improves cable management and makes it easier to replace cables.

Rear handle

Storage basket

Movable cable anchors can be easily installed on the back of the cart column when additional cable anchor points are needed

E3 CART

The E3 Cart is specifically engineered for your sleep lab environment. Designed to be an ergonomic, mobile workstation with optimal shelf and storage space.

E3 IS COMPATIBLE WITH

- Small Form Factor PC with a monitor or an All-in-One (AIO) PC up to 27 in/69 cm
- CPAP
- $EtCO_2$ monitor
- Easy III Photic Stimulator
- New Isolation Transformer* or Tripp-Lite UPS

E3 STANDARD CONFIGURATION

- Worksurface (1)
- Keyboard tray
- Rear mounted basket
- Lower bin and divider plate (space for UPS, SFF or shelf space for a CPAP when Tripp-Lite is used on cart)
- Easy III Power/Com Module holder
- Monitor mount
- Rear handle
- Isolation transformer and bracket installed (when the E3 cart w/ isolation transformer is ordered)

Order Qty.	Product	Part No.
E3 Cart	for SFF PC or AIO PC, with Isolation Transformer	9607096
	for SFF PC or AIO PC with Uninterrupted Power Supply	9607097

Removable supply drawer.
Order extra supply drawers for each technologist

OPTIONS

- Adjustable camera pole with a PoE IR Illuminator** that is compatible with Sony PTZ 520 SD or 550 HD cameras
- 1 or 2 arm brackets
- Additional worksurface OR additional supply drawer for additional sleep devices such as an $ETCO_2$ or a Capnograph (only 1 additional worksurface or drawer can be added)

Order Qty.	Product	Part No.
1	HD Camera/IR Kit for E3 Cart	9609006
1 or 2	Articulating Arm for Easy III Photic Stimulator	9607097
1 or 2	Arm Mount	334786-000
1	Supply Drawer	111187-000

** The older Cadwell ISO transformer (199255-200) will not fit on this cart due to limited space under the wheel base.*
*** The older IR Illuminators cannot be used with the E3 cart.*

FUZION CART

Configure an Easy III system on the height-adjustable Fuzion Cart with any PC for a streamlined diagnostic station.

Order Qty.	Product	Part No.
Fuzion Cart with bin and large shelf	Base model	9607088
	for Small Form Factor (SFF) PC with keyboard tray	9607084
	for Laptop PC and monitor with keyboard tray, keyboard, and mouse	9607085
	for All-in-One PC with keyboard tray	9600124
	for Mini PC with keyboard tray	9607086
Choose a power isolation option	Isolation Transformer 600 VA for Fuzion Cart with 6 outlets	9010011
	Medical Grade 6-plug Power Strip for Fuzion Cart	9010010
	Medical Grade Uninterrupted Power Supply 1k VA with 4 outlets	9010006

OPTIONS

Order Qty.	Product	Part No.
1	Articulating Arm for Easy III Photic Stimulator	190228-251
1	Articulating Arm for Easy III Amplifier	190224-252
1	Additional Arm Mount	111218-000
1	Accessory Bag	198187-000
1	Basket with Cord Wrap	111212-000
1	Large Shelf (useful for printer)	111209-000
1	Additional Bin	111208-000

OPTIONS

- Use with a laptop PC, or order a monitor mount for an external monitor or All-in-One PC
- Articulating arms for amplifier, camera, or photic stimulator
- Retractable keyboard tray with mouse pad
- Bracket for a Mini PC
- Supplies basket with cable management brackets
- Extra shelves and bins for Small Form Factor PC, isolation transformer, or printer
- Bracket for power strip
- Removable supplies bag that attaches to handle

POLE CART

Order Qty.	Product	Part No.
Pole Cart	for Small Form Factor (SFF) PC with Isolation Transformer and 1 arm mount	9800030
	for Small Form Factor (SFF) PC with Uninterrupted Power Supply and 1 arm mount	9800033

OPTIONS

Order Qty.	Product	Part No.
1	HD Camera/IR Kit for Pole Cart	9609014
1	Articulating Arm for Easy III Photic Stimulator	190228-251
1	Articulating Arm for Easy III Amplifier	190224-252
1	Mounting Bracket for a Second Arm	197243-200
1	Additional Basket	111132-000
1	Isolation Transformer 600 VA for Pole Cart with 6 outlets	9010005

RESTECH DX-PH MEASUREMENT SYSTEM AND ACCESSORIES

The Dx-pH Measurement System monitors pH in the airway, assisting the sleep physician in determining the relationship between Laryngopharyngeal Reflux and various conditions including, recurrent Laryngitis, chronic cough, Sinusitis, Asthma, sleep disordered breathing and Chronic Obstructive Pulmonary Disease.

The pH Measurement system includes recorder, transmitter, calibration stand, 2 SD memory cards, SD memory card reader, recorder carrying case, 2 transmitter carrying cases, 4 AA alkaline batteries, 10 coin cell batteries, special tool and software.

The pH Sleep Cadwell Adapter is needed for Cadwell systems. It connects the Restech recorder to the DC input on the amplifier. This is a special order item and may require lead time.

Product	Part No.
Restech Dx-pH Measurement System	202263-000
pH Sleep Cadwell Adapter	202264-000
3-Volt Coin Cell Batteries	245014-000-PK20

NONIN RESPSENSE TABLETOP ETCO2 MONITOR ACCESSORIES

Accessories for the Nonin® RespSense™ EtCO2.

(Note: The Nonin RespSense device itself is no longer available.)

Product	Part No.
DC Input Adapter Cable Nonin: Easy III	199259-000
Moisture Trap	202630-000

CAMERAS AND INFRARED ILLUMINATORS

A variety of cameras and infrared illuminators help create optimal low-light video environments during your in-lab PSG tests. Wall, ceiling and cart mounts are available.

The Panasonic IP Camera offers 1080P, and can be configured for lower resolutions to reduce file size on the stored video.

The camera is capable of simultaneously outputting four different video streams that can each be configured to different resolutions. At 1080P, the camera has a 21x optical zoom; and at 720P, the camera can utilize the additional resolution to optically enhance zoom up to 31x. The camera can be controlled remotely though a web browser.

The Raytec Infrared Illuminator is an 850nm IR that provides 120-degree wide-angle diffusion of IR light to better illuminate an entire room with less hot spots.

Both the camera and IR use Power-Over-Ethernet (POE) 802.3AF and a dual port mid-span POE to supply power to both devices. Using a POE injector gives significant flexibility for placing power near or far from where the camera is installed.

Panasonic PTZ HD Camera

CAMERAS

Product	Part No.
PTZ HD Camera for Drop Ceiling Mount	9609015
PTZ HD Camera for Ceiling Mount	9606013
PTZ HD Camera for Wall Mount	9609007
HD Webcam	198233-000
USB Camera with a Flexible Arm	197261-200
Wall-mount Color Camera with built-in Infrared Illumination (HIKvision cameras require a network adapter)	9800015
Arm-mounted Color Camera with built-in Infrared Illumination (compatible with Fuzion cart, recommended for use with isolation transformer)	9606009
Dazzle Video Converter (purchase if you are using your own cameras)	290157-000

INFRARED ILLUMINATOR

Product	Part No.
Infrared Illuminator (not compatible with Sony cameras)	198274-200

POWER-OVER-ETHERNET (POE)

Product	Part No.
Power-Over-Ethernet (POE) Injector	229053-000

AUDIO DEVICES

Audio devices are used to capture audio from the sleep environment that may be clinically relevant, like breathing sounds, snoring, or body movements. The Louroe Intercom can be used to communicate with the patient from the sleep technologist station.

Shure Audio Mixer and Low Omni Direct Microphone

SPEAKER & AUDIO MIXERS: ONE-WAY AUDIO

Order Qty.	Product	Part No.
choose these	Audio Mixer, Shure SCM268	198160-000
	Microphone, Low Omni Direct	291053-000
or this	MXL AC-404 Microphone for carts (does not need a mixer)	291054-000

MXL AC-404 Microphone

LOUROE INTERCOM SYSTEM: TWO-WAY AUDIO

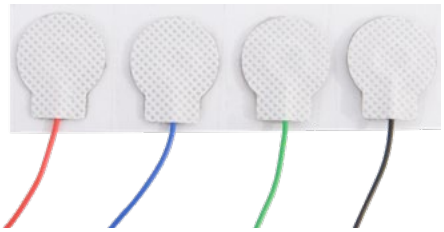
Order Qty.	Product	Part No.
choose 1	Intercom with 25 ft cable	197248-200-025
	Intercom with 50 ft cable	197248-200-050
	Intercom with 75 ft cable	197248-200-075
	Intercom with 100 ft cable	197248-200-100
	Intercom with 200 ft cable	197248-200-200
	Intercom with 300 ft cable	197248-200-300
and	Intercom Accessory Kit	197249-200

PSG ELECTRODES, DISPOSABLE

CADWELL DISPOSABLE EEG CUP ELECTRODES

10 mm deep single-use Ag/AgCL EEG cup electrodes are designed to provide low impedance, reduce patient infection, and are conveniently packaged with 10, 15 & 25 multi-colored leads per pack.

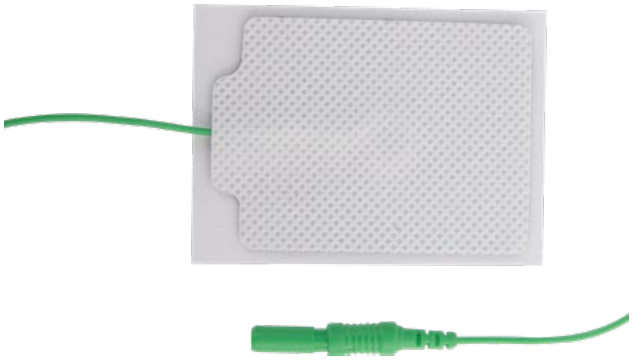
Product	Length		Part No.
10 Disposable EEG Cups	1.22 m	48 in	302643-000-048
	1.52 m	60 in	302643-000-060
15 Disposable EEG Cups	2.48 m	98 in	302642-000-098
25 Disposable EEG Cups	0.3 m	12 in	302642-000-012
	1.22 m	48 in	302642-000-048
	1.52 m	60 in	302642-000-060



CADWELL DISPOSABLE 4-DISC ELECTRODES WITH LEADS

Disposable 4-Disc 20 mm electrodes are designed with an Ag/AgCL sensor for recording, stimulation, and ground use. An extra thick and flexible conductive gel on the electrode can be easily repositioned on all types of skin. We considered patient comfort and user friendliness with soft red, blue, green and black lead wires, and easier workflow with optimized connectors for headbox insertion and extraction. Each box contains 10 sets of individually sealed 4-disc electrodes.

Product	Length		Part No.
10 sets Cadwell Disposable 4-Disc Electrodes	1 m	39 in	302298-000-039
	1.5 m	59 in	302298-000-059
	2 m	78 in	302298-000-078
	2.5 m	98 in	302298-000-098
	3 m	118 in	302298-000-118



CADWELL DISPOSABLE GROUND ELECTRODE WITH LEAD WIRE

Large 40 mm x 50 mm pad size allows enough surface area for ECG or Leg EMG, and superior hydrogel is easily repositioned and conforms to the body. Individually packaged.

Product	Length		Part No.
20 Cadwell Disposable Pad Electrodes	1 m	39 in	302299-000-039
	1.5 m	59 in	302299-000-059
24 Cadwell Disposable Pad Electrodes	2 m	78 in	302299-000-078
	2.5 m	98 in	302299-000-098
	3 m	118 in	302299-000-118

PSG ELECTRODES

Cadwell gold cup electrodes feature multi-colored lead wires; shown here with black connectors

CADWELL GOLD CUP ELECTRODES

10 mm/0.4 in diameter cups are overmolded to multi-color lead wires and have 2 mm/0.08 in holes for easy paste/collodion application. They are kitted in a variety of lengths and quantities.

Product	Length		Connector Color	Part No.
6 PSG Gold Cups	2.8 m	110 in	black	302695-200
6 EEG Gold Cups	1.22 m	48 in	black	302736-200
	1.22 m	48 in	black	302132-200
	1.22 m	48 in	yellow	302055-200
	1.22 m	48 in	red	302058-200
	1.52 m	60 in	black	302641-200
	1.52 m	60 in	yellow	302644-200
	1.52 m	60 in	red	302647-200

TECHNOMED GOLD CUP ELECTRODES

10 mm/0.4 in diameter cups, 2 mm/0.08 in holes for easy paste/collodion application, and multi-color lead wires.

Product	Length		Part No.
12 Technomed 10mm Gold Cup Electrodes, Adult	1 m	40 in	202110-000-040
	1.5 m	60 in	202110-000-060
	2 m	80 in	202110-000-080
	2.5 m	100 in	202110-000-100*
12 Technomed 6 mm Gold Cup Electrodes, Pediatric	1 m	40 in	202111-000-040*
	1.5 m	60 in	202111-000-060
	2 m	80 in	202111-000-080
	2.5 m	100 in	202111-000-100*

**Call for availability*

PSG ELECTRODES

Single snap lead wires with touchproof (TP) connectors (shown in red) have clear coating over silver lead wire

Cadwell Snap Connector Lead Wire with Black Twist 5-pack

11 snaps with color-coded lead wires for ambulatory use

CADWELL SNAP CONNECTOR LEAD WIRES

Color-coded lead wires with snaps are designed for use with the BraiNet® electrode template system and the Cadwell color-coded input boxes.

Product	Snap Connector	Length		Part No.
Single snap, TP connector	red	1.52 m	60 in	302696-200
Single snap, TP connector	black	1.52 m	60 in	302697-200
Single snap, TP connector	red	3.05 m	120 in	302698-200
Single snap, TP connector	black	3.05 m	120 in	302699-200
5 white-twisted snaps	color-coded	1.22 m	48 in	302312-200*
5 black-twisted snaps	color-coded	1.22 m	48 in	302313-200*
11 single snaps, ambulatory	color-coded	0.61 m	24 in	302300-200-024*

SNAP PATCH ELECTRODES

For use with Snap Connector Lead Wires:

- The oval patch with adhesive solid gel is ideal for PSG studies for leg movement or ECG data.
- Wet gel patch with offset snap fits well around the eyes and on the chin. Single patient use only.

Product	Part No.
Oval Patch, 40x36 mm, 3/pk	302701-000
25 Offset Wet Gel Patches	202696-000

Oval Patch

Offset Wet Gel Patch

**Call for availability*

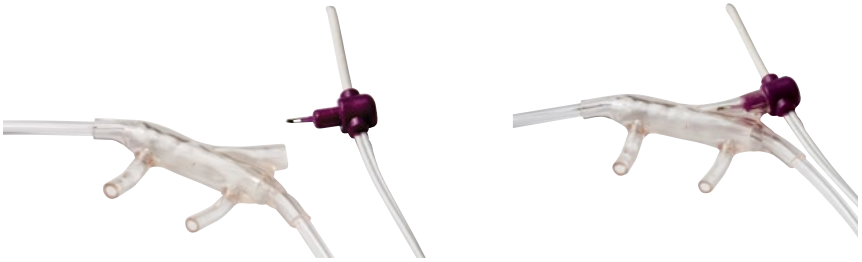
SLEEPMATE PRESSURE SENSORS

Cadwell Sleepmate™ Pressure Sensors are available in single and dual versions and offer the smallest single channel sensor on the market. Dual Pressure Transducers are also available for detection and amplification of airflow through pressure swings.

Product	Ambu No.	SM No.	Part No.
Pressure Transduced Airflow Kit = 1 AC Airflow Sensor (snoring and flow) + 5 Nasal Cannulas	814330-100	14800	302540-200-0000
Pressure Transduced AC Airflow Kit + CannuTherm	814360-100	1431	302535-200-0080
50 Nasal Cannulas with Filter	814310-071	14880	302544-200-0484
50 Nasal Cannulas without Filter	814300-000/50	14868	302542-200-0484
50 Oral/Nasal Cannulas with Filter	814320-000/50	14866	302545-200-0484
50 Oral/Nasal Cannulas without Filter	814310-000/50	14869	302543-200-0484
Luer to O_2 Adapter	814340-000	14870	203108-000

Nasal Cannula with Filter

AC Airflow



CannuTherm Thermocouple Sensor + Nasal Cannula shown disconnected (left) and connected (right), included in CannuTherm Kit

SLEEPMATE CANNUTHERM THERMAL AND PRESSURE SENSORS

Detect both apnea and hypopnea with this integrated thermal and pressure sensor. The light and comfortable CannuTherm™ sensor promotes a relaxed patient, improved data collection and a more accurate PSG study. The reusable nasal and oral sensor and the specially designed single-use cannulas are designed to comply with AASM recommendations for the use of a thermal sensor to detect apnea as well as a pressure airflow sensor to detect hypopnea.

Product	Ambu No.	SM No.	Part No.
CannuTherm Kit for Easy III = 1 Thermocouple Sensor, TP, 80 in + 5 Nasal Cannulas with Filter, 84 in	814310-100	1419	302534-200-0080
CannuTherm Thermistor Kit for ApneaTrak = 1 Thermistor Sensor, keyhole, 80 in + 5 Nasal Cannulas with Filter, 84 in + Thermistor Battery Box (keyhole to touchproof)	814930-100	1420	302537-200-0080
CannuTherm Thermistor Keyhole Kit = 1 Thermistor Sensor, keyhole, 80 in + 5 Nasal Cannulas with Filter, 84 in	814930-108	-	302538-200-1080
50 CannuTherm Cannulas with Filters, 84 in	814360-000/50	14878	302572-200-0484
1 CannuTherm Thermocouple Sensor, TP, 80 in	814840-100	-	302536-200-0080
1 CannuTherm Thermistor Sensor, keyhole, 80 in	814360-100	1431	302539-200-1080

THERMAL AND PRESSURE SENSORS

Thermistor

Thermistor Battery Box is touchproof to keyhole

Thermocouple

Thermocouple Pediatric

SLEEPMATE THERMAL AIRFLOW SENSORS

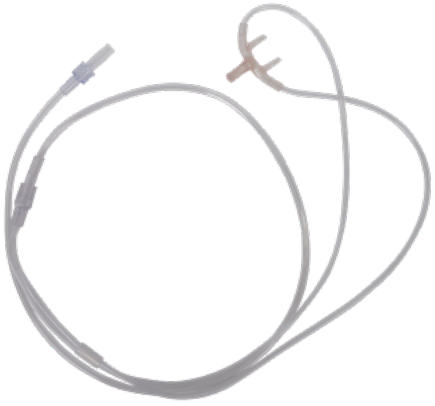
Cadwell Sleepmate Thermal Airflow Sensors utilize a single channel to record oral and nasal airflow. The sensors are compact, comfortable, and are made from materials that make them easy to adjust to the patient. Sensors are available in reusable and disposable versions for adults, pediatrics and infants.

Product	Ambu No.	SM No.	Part No.
Reusable Thermistor Kit = 1 Thermistor, keyhole, 80 in + 1 Thermistor Battery Box	814900-100	1450	302549-200-0080
1 Nasal Thermocouple, adult, TP, 80 in	814810-100	1401	302548-200-0080
1 Infant/Pediatric Nasal Thermocouple, TP, 80 in	814805-100	1406	302548-200-0280
1 Thermistor Sensor, keyhole, 80 in	814940-100	1450-S	302549-200-1080
1 Thermistor Battery box (keyhole to touchproof)	814980-100	1450-B	302550-200-0000
Disposable Adult Thermistor Kit = 1 Thermistor Battery Box + 1 Interface Cable + 20 Large/Adult Disposable Thermistor Sensors	814903-000	-	302564-200-0400
20 Infant Disposable Thermistor Sensors	814301-000/20	1428	302551-200-0100
20 Medium/Pediatric Disposable Thermistor Sensors	814302-000/20	1427	302551-200-0200
20 Large/Adult Disposable Thermistor Sensors	814303-000/20	1426	302551-200-0400
1 Interface Cable for UARS Sensor or Thermistor	814400-100	-	302552-200-0000

THERMAL AND PRESSURE SENSORS

Interface Box shown with Thermal Airflow Sensor and Nasal Airflow Cannula

Thermistor Interface Box



Nasal Airflow Cannula

Oral/Nasal Thermistor

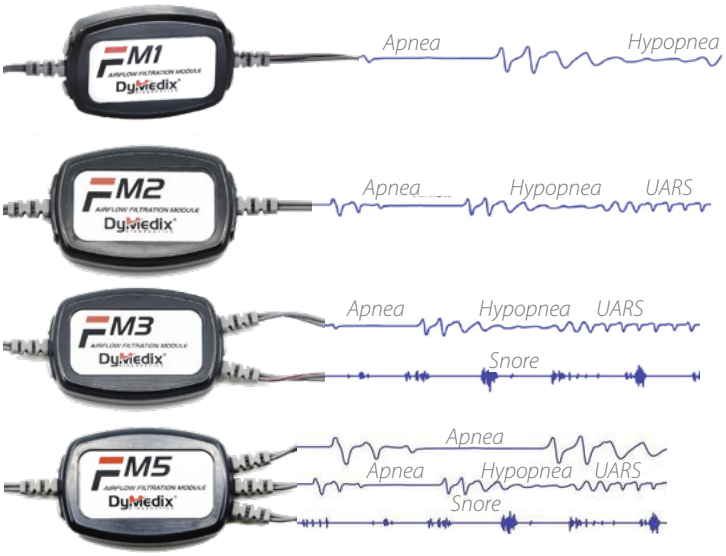
THERMISENSE THERMAL AND NASAL PRESSURE SENSORS

This thermistor complements nasal pressure devices with a system that adds thermal monitoring in an easy to apply cannula thermistor combination to detect apneas, hypopneas, and flow limitations. The cannula/holder holds the thermistor in place to sense oral/nasal thermal airflow changes and nasal pressure signal changes. The system contains an integrated circuit tester to check both the head box leads and thermistor for continuity.
Cannulas are single patient use only.

Product	Length	Part No.
ThermiSense® Adult Thermistor Kit = 1 Interface Box + 1 Adult Oral/Nasal Thermistor + 1 Nasal Pressure Cannula with Holder, without filter (2.1m/7 ft) + 1 Oral/Nasal Pressure Cannula with Holder, without filter (2.1 m/7 ft) + 1 Cannula Filter		202662-040
ThermiSense Pediatric Thermistor Kit = 1 Interface Box + 1 Pediatric Oral/Nasal Thermistor + 1 Nasal $EtCO_2$ and Pressure Monitoring Cannula + 1 Oral/Nasal $EtCO_2$ Pressure Monitoring Cannula + 1 Cannula Filter		202662-020*
Thermistor Interface Box, Replacement		202660-000*
Adult Oral/Nasal Thermistor Thermal Airflow Sensor		202661-040*
Pediatric Oral/Nasal Thermistor Thermal Airflow Sensor		202661-020*
25 Adult Oral/Nasal Cannulas	2.1 m/7 ft	202667-040-007*
25 Adult Oral/Nasal Cannulas	0.6 m/2 ft	202667-040-002*
25 Adult Nasal Cannulas	2.1 m/7 ft	202663-040-007
50 Adult Nasal Cannulas	0.3 m/1 ft	202670-040-001
25 Adult $EtCO_2$ Airflow Cannulas	2.1 m/7 ft	202664-040-007*
25 Pediatric $EtCO_2$ Airflow Cannulas	2.1 m/7 ft	202664-020-007*
25 Cannula Filters	-	202669-000*

**Call for availability*

AIRFLOW SENSORS



DYMEDIX AIRFLOW FILTRATION MODULE (FM) INTERFACE CABLES

Dymedix® Filtration Module (FM) Interface Cables allow different filtering or output multiple channels from a single sensor. Choose from airflow interface cables for a variety of channels. Users are able to record Apnea, Hypopnea, UARS and Snore all with one airflow sensor. Choose from multiple sizes of Dymedix TriplePlay™ Airflow Sensors, right.

Product	Dymedix No.	Part No.
FM1 provides one output with smooth sinusoidal waveforms focusing on identification of apnea and hypopnea events.	12-10120-0001	203026-000*
FM2 provides more subtle changes in the airflow signal often associated with flow limitations and UARS.	12-40200-0001	203028-000*
FM3 is able to provide a second output channel of snore data, all originating from one PVDF airflow sensor.	12-40202-0001	203029-000*
FM5 provides two separate channels of airflow waveforms (one each for apnea and hypopnea events), and an additional snore channel.	12-40310-0001	203060-000*

**Call for availability*

Example of PVDF Airflow Sensor

Adult Large *Adult Medium* *Adult Small*

Pediatric *Infant* *Neonatal*

DYMEDIX TRIPLEPLAY PVDF AIRFLOW SENSORS

Dymedix TriplePlay™ Airflow Sensors detect Apnea, Hypopnea and Snore with only one sensor. The soft and flexible design fits well under an NCPAP Mask, and is ideal for HSAT. Sensors respond to temperature and pressure changes, providing a sensitive airflow monitoring system for neonates, infants and children. Use with Dymedix FM Interface Cables, left.

Product	Qty	Dymedix No.	Part No.
Adult Large	10	10-10000-0610	203062-000-010*
	50	10-10000-0650	203062-000-050*
Adult Medium	10	10-10000-0510	203027-000-010*
	50	10-10000-0550	203027-000-050*
Adult Small	10	10-10000-0410	203061-000-010*
	50	10-10000-0450	203061-000-050*
Pediatric	10	10-10000-0310	203065-000-010*
	50	10-10000-0350	203065-000-050*
Infant	10	10-10000-0210	203064-000-010*
	50	10-10000-0250	203064-000-050*
Neonatal	10	10-10000-0010	203063-000-010*
	50	10-10000-0050	203063-000-050*

SNORING SENSORS

Sleepmate Snoring Piezo Sensor, touchproof (TP), 80 in

Sleepmate Snoring Microphone, touchproof (TP), 80 in

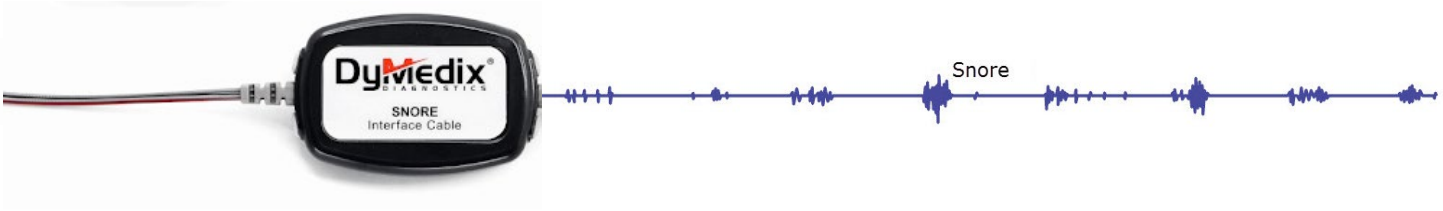
Piezo Snore Sensor, keyhole 78 in

Snore Microphone, keyhole 24 in

SNORING SENSORS AND MICROPHONES

Soft elastic polymeric for maximum patient comfort. Excellent sealing properties prevent interference from external noise sources. The sensor attaches to the neck and records the sounds associated with snoring during PSG studies.

Product	Ambu No.	SM No.	Part No.
Sleepmate Piezo Snore Sensor, TP, 80 in	812200-000	1250	302555-200-0080
Sleepmate Snoring Microphone, TP, 80 in	812500-000	1200	302556-200-0080
Snoring Microphone, keyhole, 24 in	202790-000/24	-	302563-200-1024
Piezo Snore Sensor, keyhole, 78 in	1420605	-	302561-200-1078



DYMEDIX PVDF SNORE SENSORS AND INTERFACE CABLES FOR IN-LAB PSG

Use the AccuSnore Reusable Interface Cable with the AccuSnore Disposable Sensors to add snoring as a channel to your in-lab PSG.

Product	Dymedix No.	Part No.
AccuSnore Reusable Interface Cable, TP	-	203106-000
10 AccuSnore Disposable Sensors	10-21001-0610	203107-000-010
50 AccuSnore Disposable Sensors	10-21001-0650	203107-000-050

AccuSnore Reusable Interface Cable, touchproof (TP)

AccuSnore Disposable Sensor

DISPOSABLE EFFORT

Disposable RIPmate Belt Roll is cut to size and used with RIP Lock

RIP Locks for Disposable Belts

Disposable Respiratory Effort (UARS) Sensor attaches to Battery Interface Box Cable

Battery Interface Box

RIPmate Thorax Processor, shown front and back

RIPmate Abdomen Processor, shown front and back

CADWELL SLEEPMATE DISPOSABLE RIPMATE

RIPmate Inductance Belts and flat-profile buckles are designed for high sensitivity and patient comfort. The single-use cut-to-fit belt features Grip-Rite stitching that is designed to keep belt from loosening on patient during the night. Easily customize belt size with Tri-Loop sliders. Capable of improving patient care, this top-of-the-line processor provides the same reliable and quality recordings as RIPmate reusable belts.

Product	Ambu No.	Part No.
Touchproof (TP) RIPmate Kit (Easy III PSG) = 2 RIP Locks (2m lead wire) + 1 Thorax Processor + 1 Abdomen Processor + 1 Belt Roll	819200-100	302512-200-0080
Keyhole RIPmate Kit (ApneaTrak) = 2 RIP Locks (2m lead wire) + 1 Belt Roll	819200-108	302512-200-1080
1 RIPmate Single-Use Belt Roll, 1 in x 105 ft	819201-000	302513-200-0000
1 replacement RIPmate Abdominal Processor	819140-000	302519-200-0000
1 replacement RIPmate Thorax Processor	819100-000	302518-200-0000
1 replacement set RIP Locks for Disposable Bands, 2m	819211-000	302514-200-1080

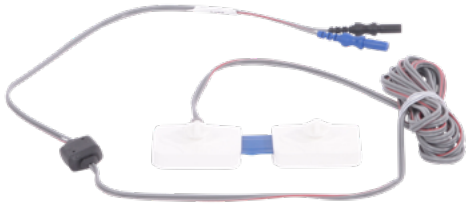
DISPOSABLE EFFORT SENSORS (UARS)

Disposable sensors with a reusable interface cable and a light and compact Battery Interface Box keep your patients comfortable and provides clear, reliable, and stable signals.

Product	Ambu No.	Part No.
10 Disposable Respiratory Effort (UARS) Sensors	816400-000/10	302553-200-0000
1 Disposable Respiratory Effort (UARS) Sensor Starter Kit	816400-100	302554-200-0000
1 Interface Cable for UARS Sensor	814400-100	302552-200-0000
1 Battery Interface Box	814980-100	302550-200-0000

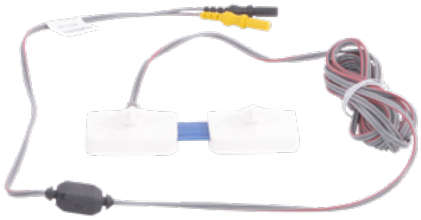
DISPOSABLE EFFORT

Disposable effort belt is cut to size and used with reusable PerfectFit 3D PVDF effort sensors attached by buttonholes



Perfect Fit 3D Reusable Chest Effort Belt Sensor with Touchproof (TP) Connectors for Easy III PSG

PerfectFit 3D Reusable Chest Effort Belt Sensor (blue) and Abdomen Effort Belt Sensor (yellow) with Keyhole Connectors for ApneaTrak



PerfectFit 3D Reusable Abdomen Effort Belt Sensor with Touchproof (TP) Connectors for Easy III PSG

Disposable Effort Belt Strap comes in 50-yard rolls

DYMEDIX PERFECTFIT 3D PVDF EFFORT

The PerfectFit 3D PVDF effort belt provides accurate measurement of respiratory effort and maintains polarity. Cut-to-size disposable button-hole effort belts are attached to the reusable abdomen and chest sensors. Compliant with AASM requirements for respiratory effort sensors for all ages.

Product	Dymedix No.	Part No.
PerfectFit 3D Kit for ApneaTrak = 1 reusable Abdomen Effort Keyhole Sensor + 1 reusable Chest Effort Keyhole Sensor + 5 50-yard Disposable Button-Hole Effort Belt Rolls	18-13206-0001	203075-000*
Abdomen Effort Belt Sensor, reusable, yellow keyhole	11-45006-0001	203076-000
Chest Effort Belt Sensor, reusable, blue keyhole	11-45006-0002	203077-000
PerfectFit 3D Kit for Easy III PSG = 1 Abdomen Effort Sensor + 1 Chest Effort Sensor + 5 disposable Perfect-Fit 3D effort belt 50-yard rolls	18-13200-0001	203070-000*
Abdomen Effort Belt Sensor, TP, reusable yellow	PF-096	203071-000*
Chest Effort Belt Sensor, TP, reusable blue	11-45000-0002	203072-000*
5 rolls Disposable Effort Belt Strap, 50 yards	11-14001-2501	203074-000*
1 roll Disposable Effort Belt Strap, 50 yards	11-14001-5001	203073-000*

**Call for availability*

DISPOSABLE EFFORT

SNUGGLEFIT INFANT EFFORT

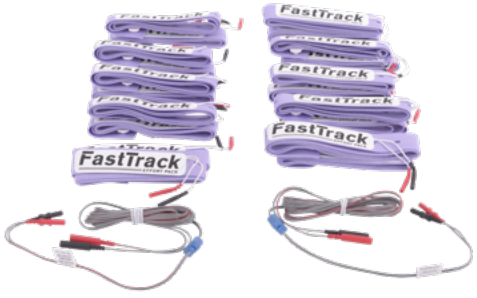
The SnuggleFit™ Infant Effort Belt is a disposable respiratory effort system designed specifically for infants. The SnuggleFit responds to both strain and pressure, and incorporates our disposable cut-to-size Button-Hole™ Strapping material. The optional Comfort Wrap is also available for extra sensitive pediatric patients. Available in kits, or individual components.

SnuggleFit	Part No.
Infant Effort Starter Kit = 2 SnuggleFit Sensors + 2 50-yard rolls of Effort Belt Strap + Animal Sticker Roll + 10 Comfort Wraps	203097-000
Infant Starter Kit with SUM = 2 SnuggleFit Sensors + 2 50-yard rolls of Effort Belt Strap + Animal Sticker Roll + 10 Comfort Wraps	203098-000
SnuggleFit Interface Cable, Infant Abdomen	203080-000
SnuggleFit Interface Cable, Infant Chest	203080-000
Disposable Button-Hole Effort Belt 50-Yard Roll	203105-000-050
SnuggleFit Disposable Button-Hole Effort Belt 250-Yard Roll	203105-000-250
SnuggleFit Reusable Infant Effort Belt Sensor	203099-000

DYMEDIX FASTTRACK DISPOSABLE EFFORT

The first and only completely disposable respiratory effort solution with single-use thoracic and abdominal effort belts incorporate the cut-to-size Button-Hole™ strap system. No polarity reversal. Available in adult and pediatric kits with interface cables, or in single, 20-pack, and 40-pack options with both reusable and disposable interface cables.

FastTrack Adult Starter Kit



FastTrack Pediatric Starter Kit

Dymedix FastTrack	Dymedix No.	Part No.
FastTrack Adult Starter Kit = 10 effort belts + 1 reusable thoracic interface cable + 1 reusable abdominal interface cable	18-01020-0601	203082-000*
FastTrack Pediatric Starter Kit = 10 effort belts + 1 reusable thoracic interface cable + 1 reusable abdominal interface cable	18-01020-0301	203081-000*
1 adult effort belt	11-44000-7502	203084-000*
20 adult effort belts	11-44000-7520	203084-000-020*
40 adult effort belts	11-44000-7540	203084-000-040*
1 pediatric effort belt	11-44000-3002	203083-000*
20 pediatric effort belts	11-44000-3020	203083-000-020*
40 pediatric effort belts	11-44000-3040	203083-000-040*
Interface Cables Set = 1 thoracic cable + 1 abdominal cable	18-01800-0001	203080-000*
1 disposable thoracic interface cable	12-10160-0001	203021-000
1 disposable abdominal interface cable	12-10161-0001	203022-000
1 reusable thoracic or abdominal interface cable	12-40200-0001	203028-000
1 reusable interface cable, airflow + snore, KH	12-40101-0001	203023-000

**Call for availability*

REUSABLE EFFORT SENSORS

RIPMATE REUSABLE BELTS AND SENSORS

Cadwell Sleepmate RIPmate Inductance Belts are designed for high sensitivity and patient comfort during measurement of chest and abdominal expansion associated with respiratory effort. Problems of signal loss due to lost belt tension and false paradoxical signals are eliminated. When used with Easy III PSG, purchase kits that include the processors. When used with ApneaTrak HSAT, you only need the belt and RIPmate Cables (effort senors are built into the ApneaTrak device).

RIPmate Abdomen Processor, shown front and back

RIPmate Thorax Processor, shown front and back

Product	Ambu No.	SM No.	Part No.
RIPmate Adult Kit = 2 Adult Belts + 1 Thorax Processor + 1 Abdomen Processor + 2 80 in RIPmate Cables	819110-100	1910	302510-200-0480
RIPmate Adult Thorax Kit = 1 Adult Belt + 1 Thorax Processor + 1 80 in RIPmate Cable	819150-100	1912	302515-200-0480
RIPmate Adult Abdomen Kit = 1 Adult Belt + 1 Abdomen Processor + 1 80 in RIPmate cable	819140-100	1911	302516-200-0480
RIPmate Adult Belt (1.5 in x 26-79 in)	819103-000	1902	302521-200-0400
RIPmate Pediatric Kit = 2 Pediatric Belts + 1 Thoracic Processor + 1 Abdomen Processor + 2 80 in Cables	819102-100	1917	302510-200-0280
RIPmate Pediatric Thorax Kit = 1 Pediatric Belt + 1 Thorax Processor + 1 80 in RIPmate Cable	819002-100	1918	302515-200-0280
RIPmate Pediatric Abdomen Kit = 1 Pediatric Belt + 1 Abdomen Processor + 80 in RIPmate Cable	819012-100	1919	302516-200-0280
RIPmate Infant Kit = 2 Infant (1 in x 15-33 in) Belts + 1 Thorax Processor + 1 Abdomen Processor + 2 80 in RIPmate Cables	819101-100	1920	302510-200-0180
RIPmate Pediatric Belt (1.5 in x 14-48 in)	819102-000	1903	302521-200-0200
RIPmate Thoracic Processor	819100-000	1913	302518-200-0000
RIPmate Abdominal Processor	819140-000	1914	302519-200-0000
RIPmate Cable, 80 in (for PSG)	819150-000	1915	302522-200-0080
RIPmate Cable 20 in (for HSAT)	819151-000	-	302522-200-0020

BELTLESS EFFORT SENSOR

For use with infant and pediatric patients without a belt.

Product	Ambu No.	SM No.	Part No.
1 Beltless Effort Sensor Infant/Ped	813065-100	1375	302526-200-0232

REUSABLE EFFORT SENSORS

Piezo Sensor with Buckle with Velstrech Band with Buckles

Piezo Sensor with Buckle

Velstretch Band with Buckles

RESPIRATORY PIEZO EFFORT SENSORS

Cadwell Sleepmate Piezo sensors are highly sensitive and fully encapsulated for clear, artifact-free recording of respiratory effort. All Piezo sensors and Velstretch belts are designed for optimal patient comfort and ease of use, and to provide reliable recordings and produce clear and artifact-free signals without the need for interface or an external power source. Sleepmate Piezo Effort Sensors are available with Buckle, Loop, Velcro Tab and beltless versions. All are durable and easy to use, and all feature a fully encapsulated active element, which makes cleaning and processing easy. All belts are washable. Available in adult to pediatric sizes.

Product	Band Size	Ambu No.	SM No.	Part No.
Piezo Sensor with Buckles Kit = 1 Piezo Sensor, TP with Buckles + 1 Velstretch Band with Buckles	Adult	813236-100	1310	302531-200-0080
1 Piezo Sensor with Buckles	-	813220-100	1370	302529-200-0080
1 Velstretch Band with Buckles	Adult	813050-100	1350	302525-200-0000

REUSABLE EFFORT SENSORS

Piezo Sensor with Loops with Velstrech 1.5 in Velcro Bands

Piezo Sensor with Loops

Velstretch Velcro 1.5 in Bands

Product	Band Size	Ambu No.	SM No.	Part No.
Piezo Sensor with Loops Adult + Pediatric Kit = 1 Piezo Sensor with Loops + 1 Adult Velstretch 1.5 in Velcro Band + 1 Pediatric Velstretch 1.5 in Velcro Band	Adult + Pediatric	813246-100	1312	302532-200-0080
Piezo Sensor with Loops Adult Kit = 1 Piezo Film Sensor with Loops + 1 Adult Medium Velstretch 1.5 in Velcro Band	Adult	813213-100	1301	302530-200-0080
1 Piezo Sensor with Loops, TP, 80 in	-	819999-015	1389	302568-200-0080
Velstretch Velcro Band Pack = 1 Adult Medium Velstretch 1.5 in Velcro Band + 1 Adult Large Velstretch 1.5 in Velcro Bands	Adult	813013-100	1344	302524-200-0400
1 Velstretch 1.5 in Velcro Band	Adult Medium	813002-100	1341	302523-200-0400
1 Velstretch 1.5 in Velcro Band	Adult Large	813003-100	1340	302523-200-0500

Piezo Sensor with Velcro Tabs with Velstretch 1 in Loop Bands

Piezo Sensor with Velcro Tabs (one on each side).
Velcro tab sticks to Velstretch Loop bands.

Velstrech 1 in Loop Bands

Product	Band Size	Ambu No.	SM No.	Part No.
Pediatric Piezo Sensor Kit = 1 Piezo Sensor with Velcro Tabs + 1 Pediatric Velstretch 1 in Loop Band + 1 Infant Velstretch 1 in Loop Band	Infant + Pediatric	813255-100	1325	302571-200-0280
1 Piezo Sensor with Velcro Tabs	-	819999-014	1388	302566-200-0080
Velstretch 1in Loop Band Pack = 1 Infant Velstretch 1in Loop Band + 1 Pediatric Velstretch 1 in Loop Band	Infant + Pediatric	813012-100	1346	302524-200-0200
1 Velstretch 1 in Loop Band	Infant	813004-100	1343	302523-200-0100
1 Velstretch 1 in Loop Band	Pediatric	813001-100	1342	302523-200-0300

REUSABLE EFFORT SENSORS

Piezo Film Sensor with Loops with Velstrech 1.5 in Velcro Bands

Piezo Film Sensor with Loops

Velstretch Velcro 1.5 in Bands

Product	Band Size	Ambu No.	SM No.	Part No.
Piezo Film Sensor with Loops Adult Kit = 1 Piezo Film Sensor with Loops + 1 Adult Medium Velstretch 1.5 in Velcro Band	Adult	813213-100	1301	302530-200-0080
Piezo Film Sensor with Loops, TP, 80 in	-	819999013	1387	302569-200-0800
Velstretch Velcro Band Pack = 1 Adult Medium Velstretch 1.5 in Velcro Band + 1 Adult Large Velstretch 1.5 in Velcro Bands	Adult	813013-100	1344	302524-200-0400
1 Velstretch 1.5 in Velcro Band	Adult Medium	813002-100	1341	302523-200-0400
1 Velstretch 1.5 in Velcro Band	Adult Large	813003-100	1340	302523-200-0500

REUSABLE EFFORT SENSORS

Adult Effort Kit

Pediatric Effort Kit

Add Adult EFM Interface Cables with summation channel to include true paradoxical breathing

Add Pediatric EFM Interface Cables to include summation channel that show true paradoxical breathing

DYMEDIX PERFECTFIT2 ADULT

Reusable Effort Belts use PVDF technology for strain and pressure sensing of respiratory effort. Low profile buckles ensure patient comfort and quick set-up. Durable, straps are machine washable. No need to change batteries. AASM compliant for respiratory effort sensors for all ages. Latex free.

Product	Dymedix No.	Part No.
Adult Chest and Abdomen Effort Kit = 1 Chest Sensor + 1 Abdomen Sensor + 2x 45 in belts + 2 x 60 in belts	18-14210-0602	202995-000
1 Adult EFM Interface Cable with SUM Channel	12-41113-0001	203008-000
Adult Chest Kit = 1 Adult Sensor + 45 in chest belt	11-94210-0602	202996-000*
Adult Abdomen Kit = 1 Abdomen Sensor + 45 in abdomen belt	11-94220-0602	202997-000*
1 Adult Chest Effort Belt Sensor	11-4200-0601	202998-000
1 Adult Abdomen Effort Belt Sensor	11-424000-0601	202999-000
2 Effort Belt Straps, Large 45 in	11-43300-4502	203000-050
2 Effort Belt Straps, XL 60 in	11-43300-6002	203000-060*
2 Effort Belt Straps, 2XL, 75 in	11-43300-7502	203000-070*

DYMEDIX PERFECTFIT2 PEDIATRIC

Dymedix PerfectFit 2 Reusable Effort Belts use PVDF technology which responds to both strain and pressure providing the most sensitive and responsive respiratory effort system in the industry. Compliant with AASM requirements for respiratory effort sensors for all ages.

Product	Dymedix No.	Part No.
Pediatric Effort Kit = 1 Chest Sensor + 1 Abdomen Sensor + 2 15 in straps + 2 25 in straps + 2 35 in straps	18-12210-0302	202995-010*
1 Pediatric EFM Interface with SUM Channel	12-41113-0301	203008-010*
1 Pediatric Kit = 1 Chest Sensor + 1 Pediatric Strap, 25 in	11-22300-0301	202996-010*
1 Pediatric Abdomen Kit = 1 Abdomen Sensor + 1 Pediatric Strap, 25 in	11-22400-0301	202997-010*
2 Infant Effort Belt Straps, 15 in	11-23300-1502	203000-010*
2 Pediatric Effort Belt Straps, 25 in	11-23300-2502	203000-020*
2 Pediatric XL Effort Belts, 35 in	11-23300-3502	203000-030*

**Call for availability*

PULSE OXIMETRY

8000J Flex Sensor System shown with 8000JFW FlexiWrap Adhesive, Adult

8000JFW Adult FlexiWrap adhesives

8008JFW Infant/Pediatric FlexiWrap adhesives

8008J Infant Flex Sensor shown with 8008JFW FlexiWrap Adhesives, Infant

8001JFW Neonatal FlexiWrap adhesives

NONIN 8000J REUSABLE FLEX SENSOR SYSTEMS

The Nonin 8000J Flex Sensor System combines the convenience, performance and economy with the reusable, durable, silicone Flex sensor and coordinating disposable FlexiWrap adhesive.

Patient Range	Flex Sensor Systems	Part No.
>20 kg (>44 lb)	8000J Flex Sensor, (wrist) 20 cm/8 in + 25 8000JFW Adult FlexiWrap	202942-000-020
	8000J Flex Sensor, (chest) 1 m/39 in + 25 8000JFW Adult FlexiWraps	202942-000-100
	8000J Flex Sensor, (finger) 3 m/118 in + 25 8000JFW Adult FlexiWraps	202942-000-300
	25 8000JFW Adult FlexiWraps, use on index, middle or ring finger	202945-000
2 - 20 kg (4.4 - 44 lb)	8008J Infant/Pediatric Flex Sensor, 1 m/39 in + 25 8008JFW Infant/Pediatric FlexiWraps	202944-030-100
	25 8008JFW Infant/Pediatric FlexiWraps, use on toe	203009-010
< 2 kg (<4.4 lb)	8001J Neonatal/Infant Flex Sensor + 25 8001JFW Neonatal FlexiWraps	202617-000
	25 8001JFW Neonatal FlexiWraps, use on lateral aspect of foot	203009-000

Disposable Cloth Oximeter, Pediatric

Disposable Cloth Oximeter, Infant

Product	Part No.
24 Nonin 6000CP Disposable Oximeters, pediatric 1 m/39 in	202940-020
24 Nonin 6000CI Disposable Oximeters, infant, 1 m/39 in	202940-010

NONIN 6000C DISPOSABLE CLOTH PULSE OXIMETRY SENSORS

Designed with an inclusive cable, sensor, and a stretch, tear-resistant adhesive cloth wrap, these disposable cloth pulse oximetry sensors provide comfort for patients requiring secure extended oximetry and pulse rate monitoring. The sensor design is ideal for hard-to-fit patients such as infants and neonates, and ensures consistent readings by keeping the sensor in the proper position.

NONIN 8000S REUSABLE PULSE OXIMETRY SOFT SENSORS

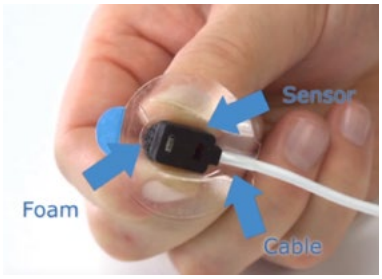
Nonin 8000S Series reusable soft sensors offer ultimate flexibility for oximetry measurement, whether short-term spot checking or continuous monitoring. The specifically designed soft sensors offer superior patient comfort by providing an optimal distribution of pressure and three sizes to fit a variety of patient hands from children to adults. One-year warranty included.

Product	Length	Part No.
8000S Large Soft Sensor	3 m/118 in	202948-050-300
	1 m/39 in	202948-050-100
8000S Medium Soft Sensor	3 m/118 in	202948-040-300
	1 m/39 in	202948-040-100
8000S Small Soft Sensor	3 m/118 in	202948-030-300

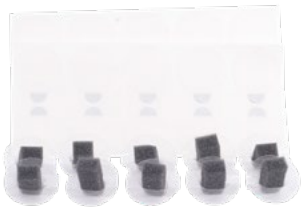
NONIN 8000Q2 REUSABLE EAR CLIP PULSE OXIMETRY SENSOR

The Nonin 8000Q2 reusable ear clip sensor offers flexibility for spot check and longer-term oximetry monitoring when digits are not the preferred application site. One size fits all.

Product	Part No.
8000Q2 Ear Clip Oximeter, reusable, 1 m/39 in	203010-000



Forehead Reflectance Oximeter



Forehead Reflectance Oximeter Holder

NONIN 8000R REUSABLE REFLECTANCE PULSE OXIMETRY SENSOR

Nonin 8000R reflectance pulse oximetry sensors provide a convenient application site on the forehead for stress testing and continuous monitoring where digits are not the preferred location. With Nonin PureLight® sensor technology and PureSAT® signal processing technology, you can be sure you're getting consistent results from patient to patient and sensor to sensor. The product consists of the 8000R sensor, 8000H plastic applicator caps, and adhesive rings.

Product	Part No.
1 Forehead Reflectance Oximeter	203012-000
10 Forehead Reflectance Oximeter Holders	203011-000

OXIMETER EXTENDER CABLE

Increase the length of any pulse oximeter by an extra three meters when you add the oximetry extender cable.

Product	Part No.
1 Nonin Oximeter Extender Cable, 3m/120 in	202949-000

PREP SUPPLIES

CADWELL MEASURING TAPE

Ideal for surface measurement, this flexible-fiber measuring tape shows both inches and centimeters and retracts with the push of a button.
Zero begins at the end of the tape.

Product	Part No.
Cadwell Measuring Tape, color varies	202161-000

PDI SANI CLOTH DEVICE & ELECTRODE CLEANING WIPES

Safely and effectively disinfects and cleans all reusable surface bar, ring, ground plates and EEG surface electrodes. See electrode care section for cleaning information. *Additional shipping and handling charges may apply.

Qty	Product	Part No.
1 tub	Super Sani Wipes	202197-000*
1 tub	Sani Bleach	202198-000*

Call for availability

CHINA MARKER (GREASE PENCIL)

Grease pencils. 12 per box.

Product	Part No.
12 red China Markers	202711-000
12 blue China Markers	202712-000

STERILE SKIN MARKING PEN

Highly visible, violet ink pens require only a light touch and provide a bright alternative to grease pencils. Sterile and labeled Single Use.

Product	Part No.
1 Sterile Skin Marking Pen	202734-000

EXAMINATION GLOVES

Powder and latex free stretch vinyl synthetic gloves, non-sterile ambidextrous, Aloetouch® 3G.
100 gloves (50 pairs) per box.

Product	Size	Part No.
1 Box Aloetouch 3G gloves, 100/box	small	202753-000
	medium	202754-000
	large	202755-000

PREP SUPPLIES

GAUZE SPONGES

Gauze sponges, 5x5 cm (2x2 in). Available in sterile and non-sterile.

Product	Part No.
2 packs of 50 sterile gauze sponges	202164-000
1 pack of 200 non-sterile gauze sponges	202162-000

COHESIVE BANDAGE

Select® cohesive bandages are latex-based and provide slip-resistant support without fasteners or clips. They offer excellent breathability and can be cut away with scissors. 3 in x 15 ft.

Product	Part No.
1 roll of 3 in x 15 ft cohesive bandage	202172-000

ELASTOMULL BANDAGE

Elastomull® Bandage, Gauze, 4 in x 12.3 ft Non-sterile. 12 rolls per pack.

Product	Part No.
12 rolls of 4 in non-sterile gauze	202173-000

ALCOHOL PADS

Ready-to-use prep pads saturated with 70% isopropyl alcohol.

Product	Part No.
1 box of Alcohol Prep Pads, 200/box	202165-000

COTTON TIPPED APPLICATORS

Non-sterile cotton tipped applicator swabs are 15 cm (6 in) long.

Product	Part No.
1 Box Cotton Tipped Applicators, 1,000/box	202163-000

PREP SUPPLIES

NUPREP

NuPrep™ for NCV, EP, EEG and sleep testing, this acetone-free skin prep is less abrasive than other brands and provides lower impedance.

Product	Part No.
3 NuPrep large tubes 114 ml (4 fl. oz.)	202159-000
6 NuPrep small tubes 25 ml (1 fl. oz.)	202186-000
24 Single Use Cups (9 g each)	202185-000

TEN20 CONDUCTIVE PASTE

Water-soluble, odor-free paste maintains its consistency at warm temperatures. Sold in packs of three.

Product	Part No.
3 Ten20™ small Jars 114 ml (4 fl. oz.)	202155-000
3 Ten20 large Jars 228 ml (8 fl. oz.)	202156-000
3 Ten20 small Tubes 114 ml (4 fl. oz.)	202154-000
24 Ten20 Single Use Cups (15 g each)	202151-000

TENSIVE CONDUCTIVE ADHESIVE GEL

Tensive® Conductive Adhesive Gel is a safe, odorless, non-flammable gel. It is bacteriostatic and water soluble for easy cleanup.

Product	Part No.
1 Tensive adhesive gel tube, 50 g	202142-000

SAC2 ELECTRODE CREAM

SAC2 Electrode Cream is the solution to improve the contact of your electrodes for long term monitoring and sleep recording. SAC2 provide a fast application and adhesion of the electrodes, the connection is stable for more than 72 hours. It is biocompatible and easy to clean with just a drop of water. Safe for the patient and safer for the technologist.

Product	Part No.
10 SAC2 Electrode Cream tubes, 100 g each	202182-000

3M TRANSPORE TAPE

Hypoallergenic 3M® Transpore™ tape comes in a 9m (30 ft) roll available in 2.5 cm (1 in) and 5 cm (2 in) widths.

Product	Size	Part No.
12 rolls of 1 in Transpore Tape	2.5 cm x 9 m (1in x 30 ft)	202360-000
6 rolls of 2 in Transport Tape	5 cm x 9 m (2 in x 30 ft)	202361-000

3M MICROPORE TAPE

3M Micropore™ Tape is a latex-free, hypoallergenic paper tape that is gentle to the skin yet adheres well and leaves minimal adhesive residue upon removal. An economical, general purpose, breathable surgical tape.

Product	Size	Part No.
12 rolls of 1 in Micropore Tape	2.5 cm x 9 m (1 in x 30 ft)	202363-000

COVER-ROLL STRETCH TAPE

This non-woven cross-elastic bandage can be cut to size to secure any size or type of dressing. It is flexible and therefore works well on moveable and hard to bandage areas.

Product	Size	Part No.
1 Cover-Roll Stretch Bandage	2 in x 6 ft	202174-000-002
	2 in x 30 ft	202174-000-010

CADWELL®

Helping you help others

Cadwell Industries, Inc. is an American, family-owned neurophysiology diagnostic and monitoring solutions provider founded in 1979 by brothers John and Carl Cadwell. We engineer innovative and easy-to-use solutions that efficiently improve patient outcomes.

Our core competencies are full-spectrum EEG; Electrodiagnostic solutions for EMG, NCS, and EP with fully integrated Ultrasound; IONM; Sleep Diagnostics including in-lab PSG and HSAT; and a full suite of essential electrodes and accessories. We combine customer insight with decades of employee expertise to create cutting-edge technology and provide market-leading customer support.

www.cadwell.com | cadwell.support | www.estore.cadwell.com

Cadwell Industries, Inc.
909 N. Kellogg St. Kennewick, WA 99336
1 (800) 245-3001 | +1 (509) 735-6481 | +1 (844) 364-1283 Fax
info@cadwell.com

Information and products displayed in this document demonstrate sample configurations containing optional components, which may be changed without notice and do not define what is delivered with an order. Actual product configuration and content are determined and confirmed independently at the time of purchase. Product availability may vary between different countries and markets. Please contact Cadwell for additional information.

© 2022-2023 Cadwell Industries, Inc. All rights reserved. 20230224
This document contains trademarks that belong to Cadwell Industries, Inc. and other companies, respectively.

Ready for a Demo?

Scan the code on the right, or visit the Cadwell website and contact us to schedule a demonstration of Cadwell Sleep solutions for you and your team.

www.cadwell.com/contact-us