CADWELL®
Helping you help others

e3 Easy® III PSG

ApneaTRAK® HSAT

MADE IN THE USA

WWW.CADWELL.COM

Streamline your sleep diagnostic testing with integrated PSG and HSAT

Initialize, record, score, and review both PSG and Home Sleep Apnea Testing, performing all of your sleep diagnostics using one efficient software and workflow.

e3 Easy® III

ApneaTrak®

PSG

With the Easy III amplifier and remote input box, you record crystal clear signals, protect your equipment, ensure recording integrity and provide patient convenience during in-lab sleep studies.
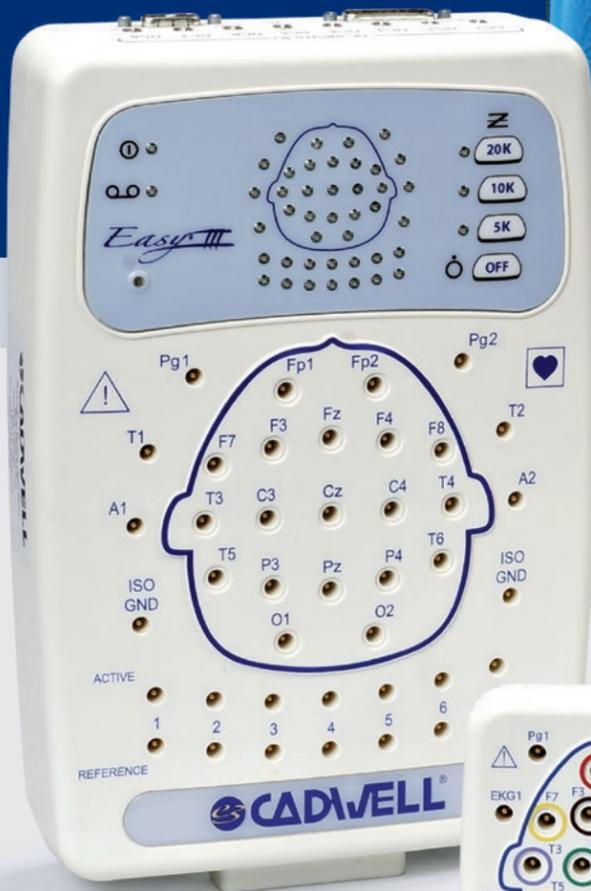
Easy III provides 4kHz sampling rate and bedside impedance checks.

HSAT

Seamlessly introduce Home Sleep Apnea Testing in your program with the new generation of ApneaTrak.
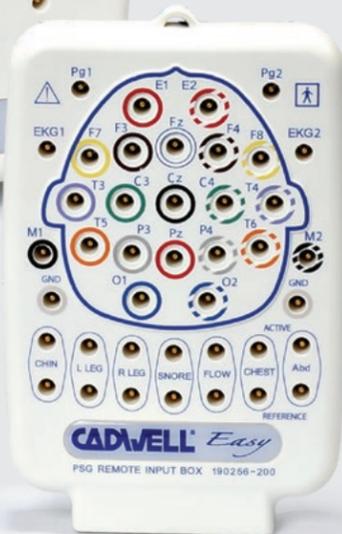
Thoughtful design helps your patients confidently and comfortably complete their testing. Setup is simple with color-coded connections, anatomical imagery, and patient instructional videos and guides. The built-in, rechargeable battery records up to three nights on each charge.

Hardware Solutions

The 32 channel, 4 kHz, high-quality **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.

Easy III can be installed on either computers supplied by Cadwell or computers managed and maintained by your hospital's IT department.
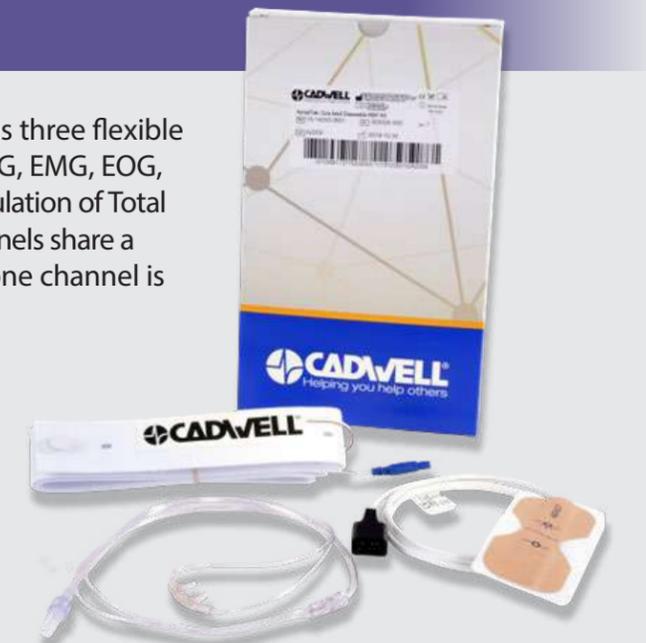
Hardware Solutions

ApneaTrak: Core records all required channels for Type 3 Testing to rule-in sleep apnea.

ApneaTrak: Legacy captures more respiratory detail from additional channels.

ApneaTrak: TST adds three flexible channels of either EEG, EMG, EOG, or ECG, enabling calculation of Total Sleep Time. Two channels share a common reference; one channel is bipolar.

Core	Legacy	TST	Channels
✓	✓	✓	Pressure Cannula
✓	✓	✓	Oximetry
✓	✓	✓	Body Position
✓	✓	✓	Thoracic Respiratory Effort
·	✓	✓	Abdominal Respiratory Effort
·	✓	✓	Thermal Airflow
·	✓	✓	Snore Sensor
·	·	✓	3 channels of ExG

ApneaTrak Disposable Kits are exclusive to the new ApneaTrak. No interface cables required! Save time cleaning after every patient and reduce possible infection control issues. On return, keep the device and throw everything else away! Reusable kits are also available.
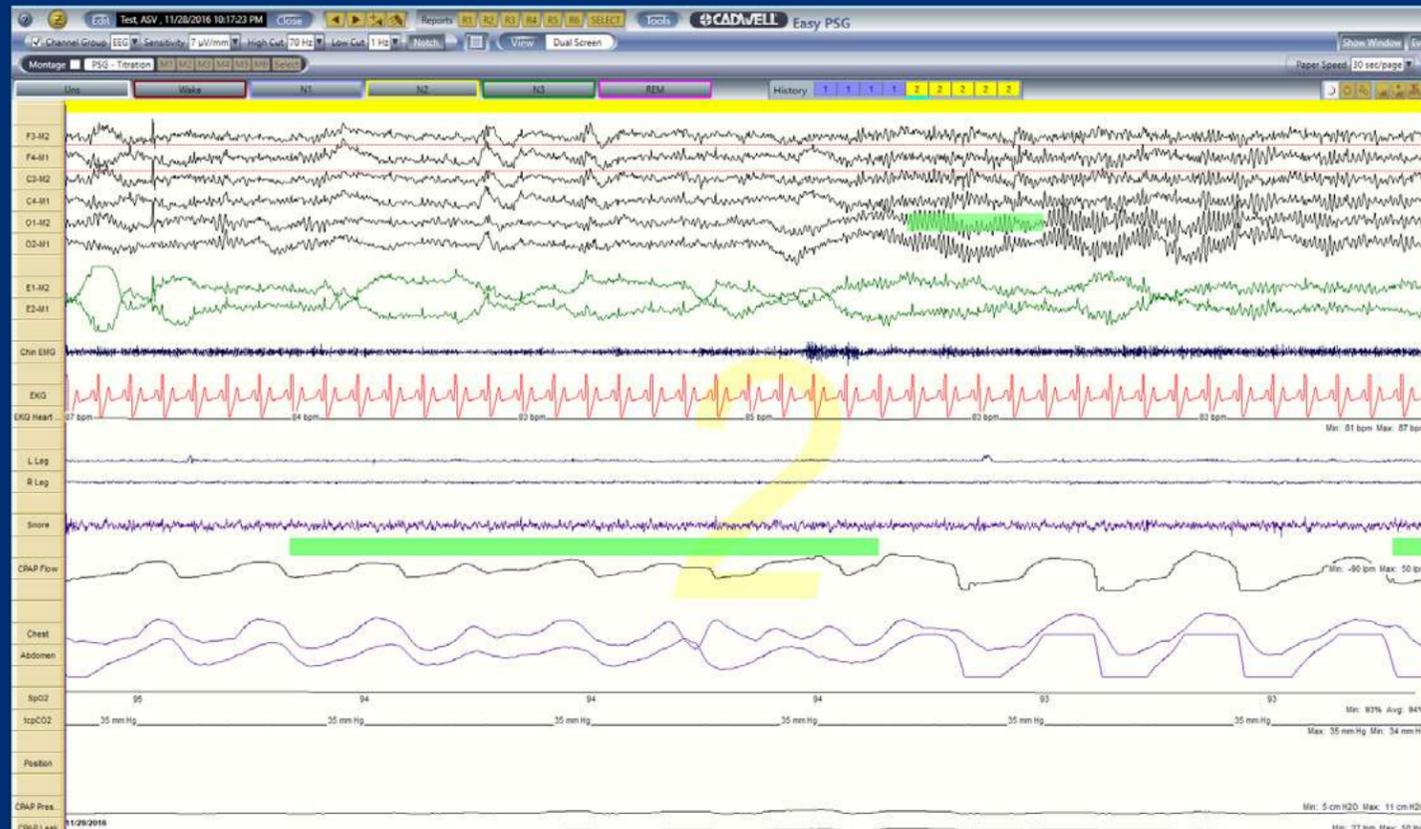
A FLEXIBLE WORKSPACE

Role-based, personalized software behaves the way you want and can be modified on-the-fly.
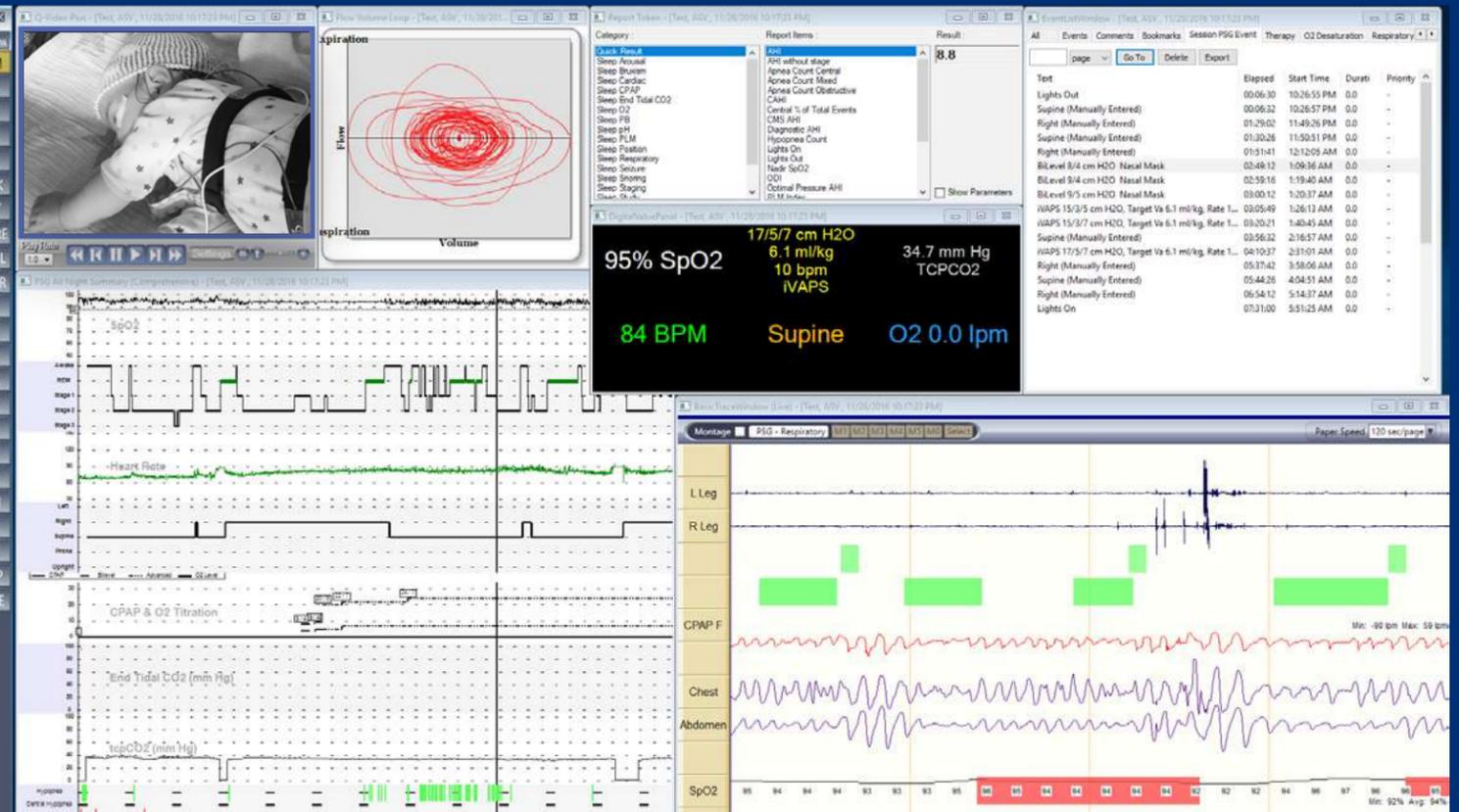
Simultaneously monitor live and recorded video to improve patient care during the study.

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.

Customize a dual-monitor workspace.

Configure your recording workspace to see everything on a single monitor. Quickly estimate the presence of N3 sleep with Delta Highlight.

ApneaTrak studies appear in the Easy III Review window. Score ApneaTrak data exactly how you score PSG studies.

Simplify your workflow and save time with better data management and Auto-Archiving.
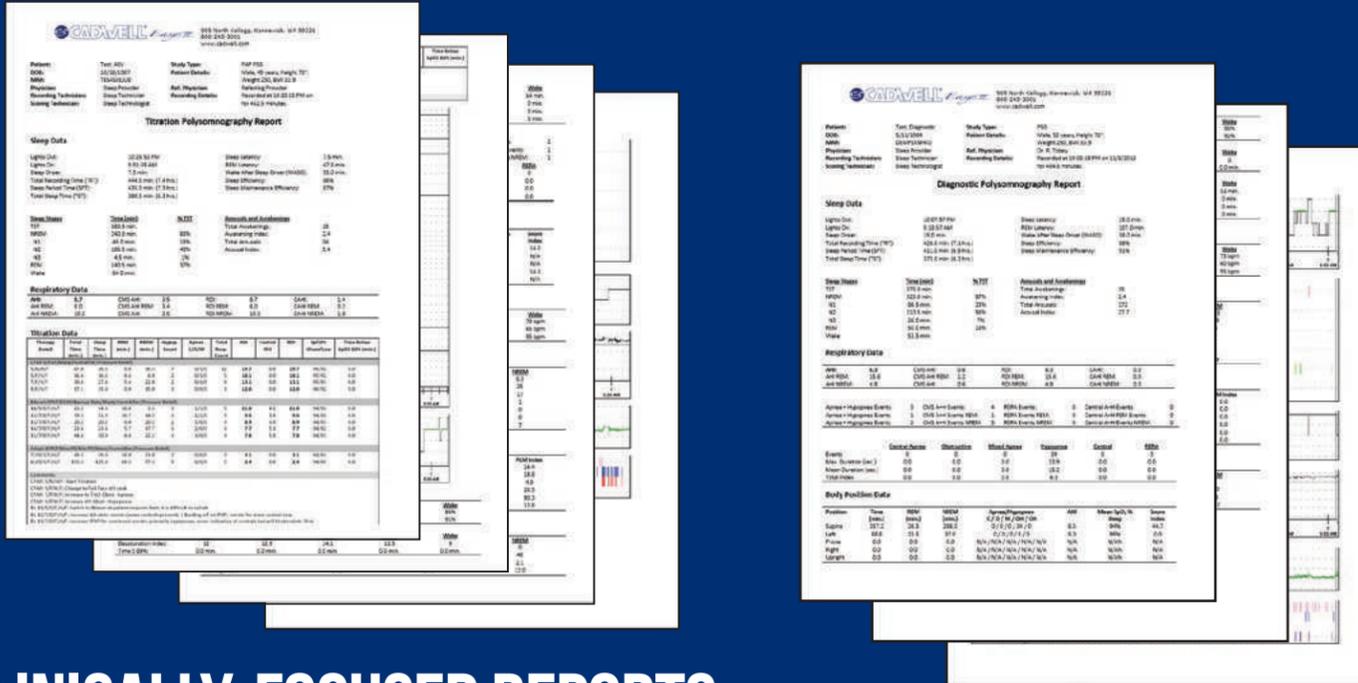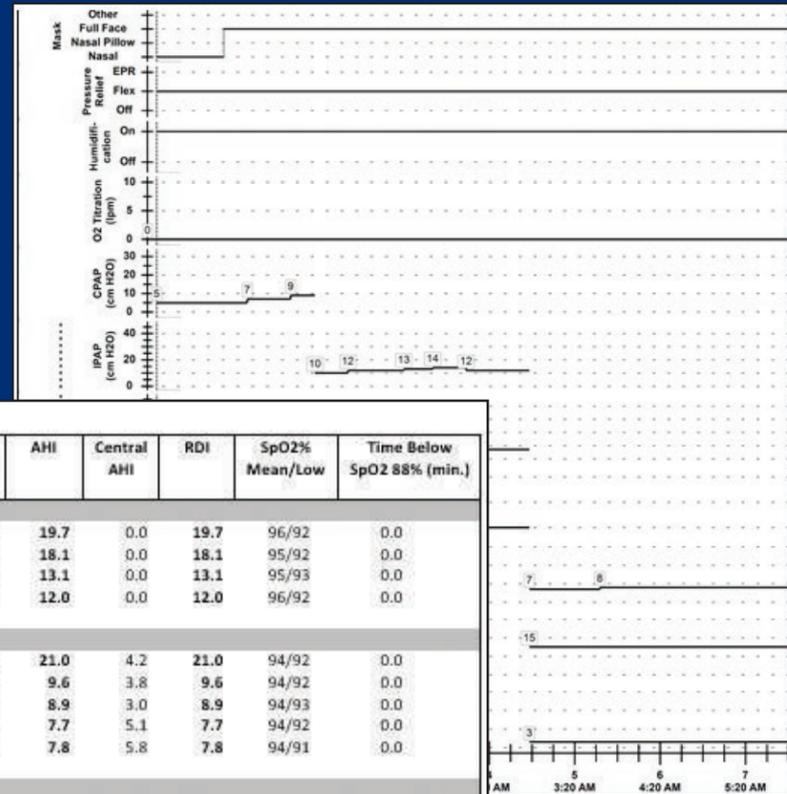
CLINICALLY-FOCUSED REPORTS

- 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.

Titration Data

Therapy Detail	Total Time (min.)	Sleep Time (min.)	REM (min.)	NREM (min.)	Hypop. Count	Apnea C/O/M	Total Resp. Count	AHI	Central AHI	RDI	SpO2% Mean/Low	Time Below SpO2 88% (min.)
CPAP (CPAP/Mask/Humidifier/Pressure Relief)												
5/N/H/F	47.0	36.5	0.0	36.5	7	0/5/0	12	19.7	0.0	19.7	96/92	0.0
5/F/H/F	16.6	16.6	8.6	8.0	2	0/3/0	5	18.1	0.0	18.1	95/92	0.0
7/F/H/F	30.4	27.4	5.4	22.0	2	0/4/0	6	13.1	0.0	13.1	95/93	0.0
9/F/H/F	17.1	15.0	0.0	15.0	3	0/0/0	3	12.0	0.0	12.0	96/92	0.0
Bilevel (IPAP/EPAP/Backup Rate/Mask/Humidifier/Pressure Relief)												
10/5/0/F/H/F	23.2	14.3	10.8	3.5	3	1/1/0	5	21.0	4.2	21.0	94/92	0.0
12/7/0/F/H/F	39.3	31.3	16.7	14.5	1	2/2/0	5	9.6	3.8	9.6	94/92	0.0
13/7/0/F/H/F	20.2	20.2	0.0	20.2	2	1/0/0	3	8.9	3.0	8.9	94/93	0.0
14/7/0/F/H/F	23.4	23.4	5.7	17.7	1	2/0/0	3	7.7	5.1	7.7	94/92	0.0
12/7/0/F/H/F	44.4	30.9	8.8	22.2	1	3/0/0	9	7.8	5.8	7.8	94/91	0.0
Adapt (EPAP/Max PS/Min PS/Mask/Humidifier/Pressure Relief)												
7/15/3/F/H/F	49.5	39.0	16.0	23.0	2	0/0/0	2	3.1	0.0	3.1	94/91	0.0
8/15/3/F/H/F	133.3	125.8	68.5	57.3	5	0/0/0	5	2.4	0.0	2.4	94/89	0.0

Comments:
CPAP: 5/N/H/F: Start Titration
CPAP: 5/F/H/F: Change to Full Face d/t Leak
CPAP: 7/F/H/F: Increase to 7 d/t Obstr. Apneas
CPAP: 9/F/H/F: Increase d/t Obstr. Hypopneas
Bi: 10/5/0/F/H/F: Switch to Bilevel at patient request, feels it is difficult to exhale.
Bi: 12/7/0/F/H/F: Increase d/t obstr events (some centrals present). | Backing off on IPAP, events far more central now.
Bi: 13/7/0/F/H/F: Increase IPAP for continued events, primarily hypopneas, some indication of centrals but will titrate obstr. first.
Bi: 14/7/0/F/H/F: Increase per continued events.
ASV: 7/15/3/F/H/F: Centrals heavily predominant (>50%), per order, switching to ASV
ASV: 8/15/3/F/H/F: Doing much better, centrals resolved, increasing EPAP d/t some indication of obstr hypopneas.

Mask= N:Nasal, P:Nasal Pillow, F:Full Face | Humidifier= H:On, -:Off | Pressure Relief= F:Flex, E:EPR, -:Off

DESIGNED FOR KIDS *of all ages*

- Configure software for pediatric and neonatal patients.

- Interface with external oximetry, CO_2 and pH monitors.

- Record enough channels for nocturnal seizure montages.

- Capture high quality video to validate the trace data during acquisition and review.

MONITOR YOUR WAY, *anywhere*

Access all stored patient 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.

When you purchase Easy® III PSG and ApneaTrak HSAT flexible equipment, you're caring for your patients with time-tested and user-friendly sleep diagnostic equipment that gives you clear signals.

You're implementing efficient and flexible software with live remote viewing, concise reporting, and complimentary upgrades, and you're gaining a dedicated team of support personnel available to assist you around the clock.

THE CADWELL STORY

John Cadwell, BSEE, MD, saw a need for innovative and reliable neurophysiology instruments during his residency at the University of Washington School of Medicine.

John combined his experience in electrical engineering and medicine to design the world's first microprocessor-controlled EMG instrument. Together with his brother, Carl Cadwell, DDS, John formed Cadwell Laboratories in 1979.

In the 1980s, Cadwell Laboratories developed the best-selling 5200A EMG and the Spectrum 32 EEG.

Cadwell's Sierra took over the EMG line and Cascade IONM and Easy EEG were introduced in the 1990s. In the 2000s, Cadwell developed the industry's best integrated report generator, and released the Easy PSG.

Our global sales and support teams help physicians and medical centers worldwide help their patients.

Today, our brands include Arc EEG, LTM and ICU cEEG; Cascade® IONM; Sierra® EDX; Easy® PSG and CadLink™ data management.

Cadwell is staying true to its mission: helping you help others.

Cadwell has a strong history of supporting customers. Please discuss service, support, warranty and training information with your sales manager or distributor.

◆CADWELL®

Cadwell Industries, Inc.
909 N. Kellogg St. · Kennewick, WA 99336
(800) 245-3001 · +1 (509) 735-6481 ph · +1 (509) 783-6503 fax
www.cadwell.com · info@cadwell.com

VISIT ESTORE.CADWELL.COM
FOR ALL OF YOUR ELECTRODES, ACCESSORIES AND CONSUMABLE SUPPLIES

CADWELL.COM/PSG-SLEEP-PRODUCTS