

Streamline your sleep diagnostic test

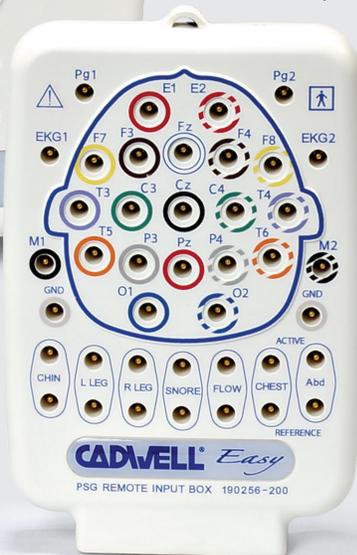
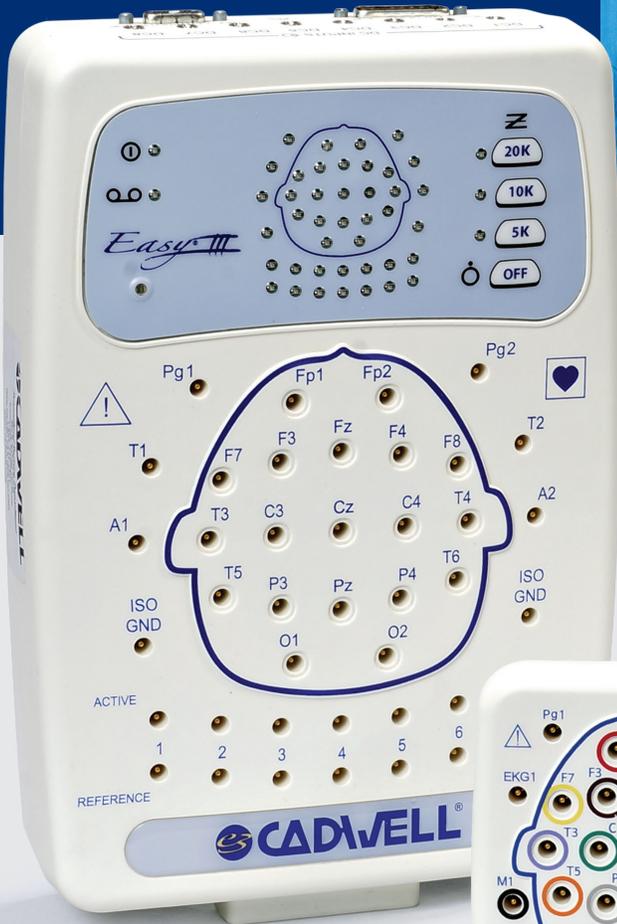


Initialize, record, score, and review
all of your sleep diagnostics using

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.

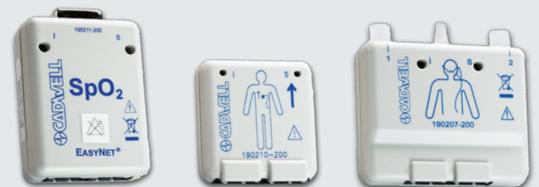
Easy III provides 4kHz sampling rate and bedside impedance checks.



Hardware Solutions

The 32 channel, 4 kHz, high-quality 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.

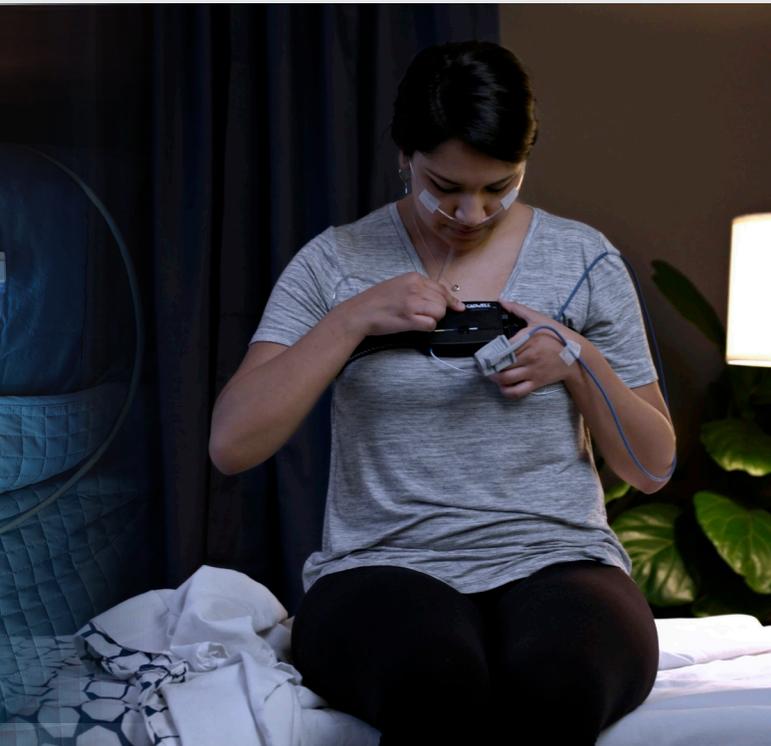
Place your signals at the amplifier or on the patient with up to 12 **EasyNet® Patient Modules** for nasal pressure, oximetry, body position or limb movement actigraphy.



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

Testing with integrated PSG and HSAT

Run both HSAT and PSG, performing
one efficient software and workflow.



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. Set up 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. Non-proprietary connections give you the freedom to choose the accessories you prefer.

Hardware Solutions

ApneaTRAK™: Core

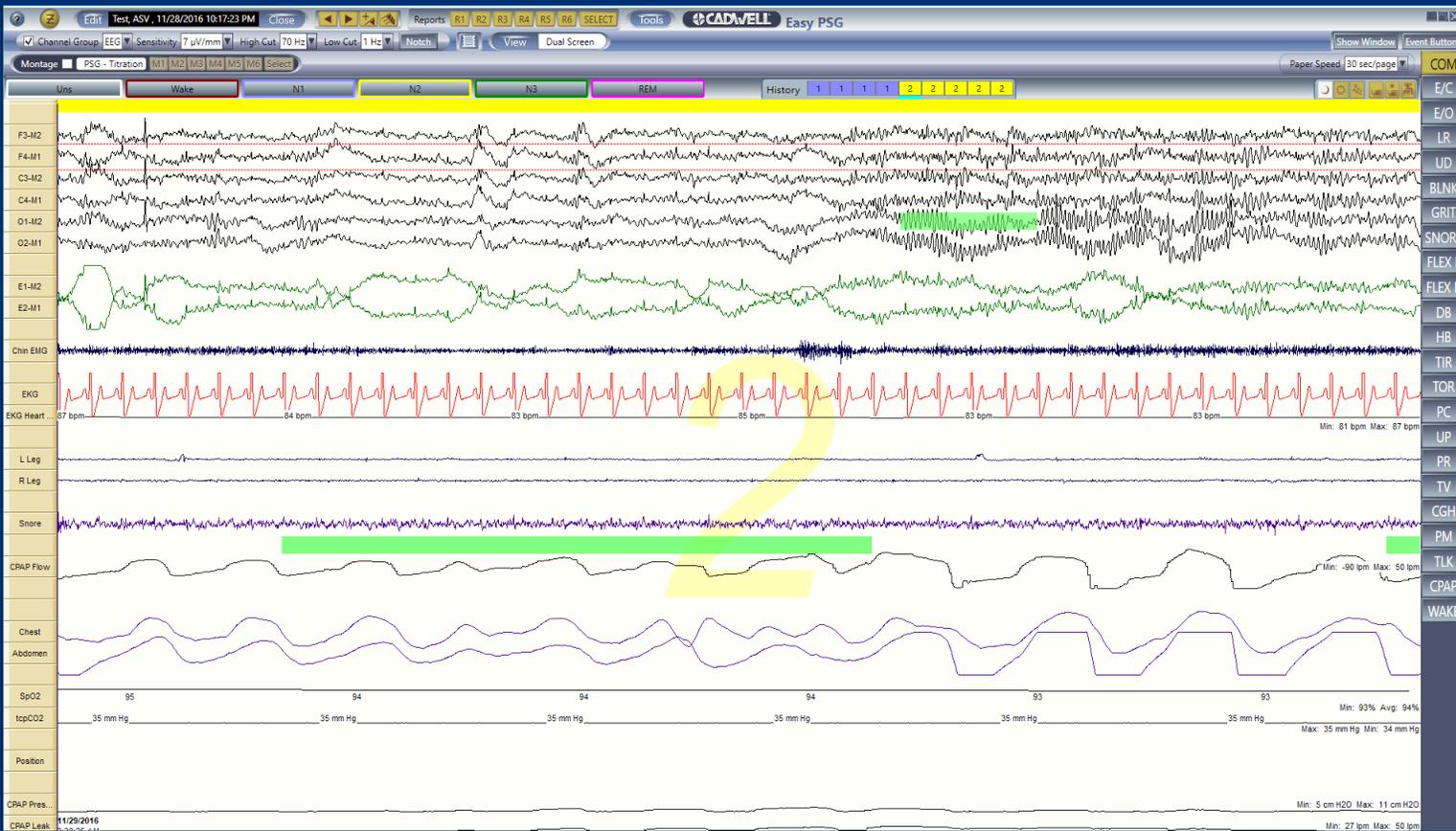
Core	Legacy	Channels
✓	✓	Pressure Cannula
✓	✓	Oximetry
✓	✓	Body Position
✓	✓	Thoracic Respiratory Effort
•	✓	Abdominal Respiratory Effort
•	✓	Thermal Airflow
•	✓	Snore Sensor



ApneaTRAK™: Legacy.....

A FLEXIBLE WORKSPACE

Role-based, personalized software behaves the way you want and can be modified on-the-fly.



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.

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.

The screenshot shows a multi-monitor workstation displaying various patient monitoring data. The top-left monitor shows a video feed of a patient in bed. The top-middle monitor displays a flow volume loop with 'Flow' on the y-axis and 'Volume' on the x-axis. The top-right monitor shows a report with a category list and a result of 8.8. The middle monitor displays a digital value panel with 95% SpO2, 84 BPM, 17/5/7 cm H2O, 6.1 ml/kg, 10 bpm, iVAPS, 34.7 mm Hg, and TCPCO2. The bottom-left monitor shows a PSG All Night Summary with waveforms for SpO2, Heart Rate, CPAP & O2 Titration, End Tidal CO2, and tcPCO2. The bottom-right monitor shows a BasicTraceWindow (Live) with synchronized waveforms for L Leg, R Leg, CPAP F, Chest, Abdomen, and SpO2.

Easy Auto Archiver

Settings

Show Records to Archive

Archive Now

Clear Log

There are currently 5 record(s) set to be archived :

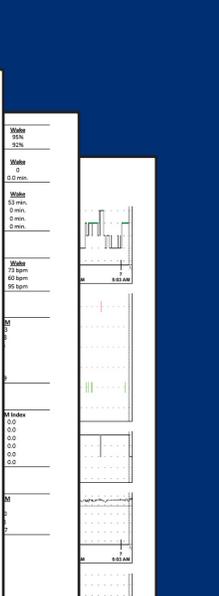
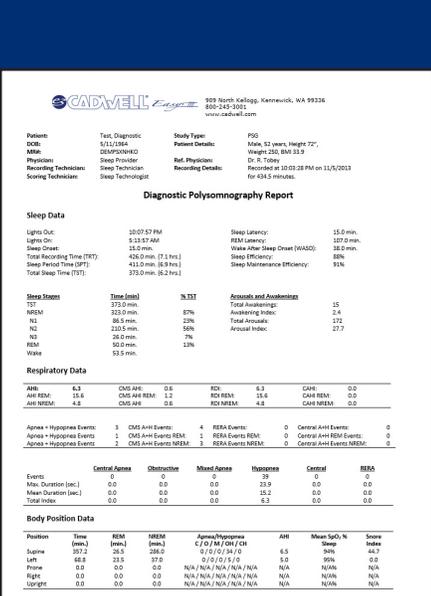
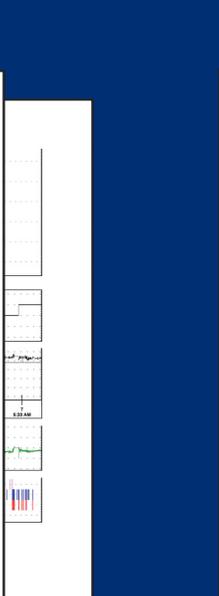
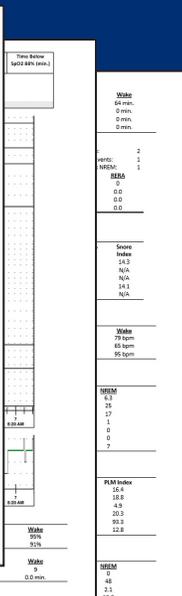
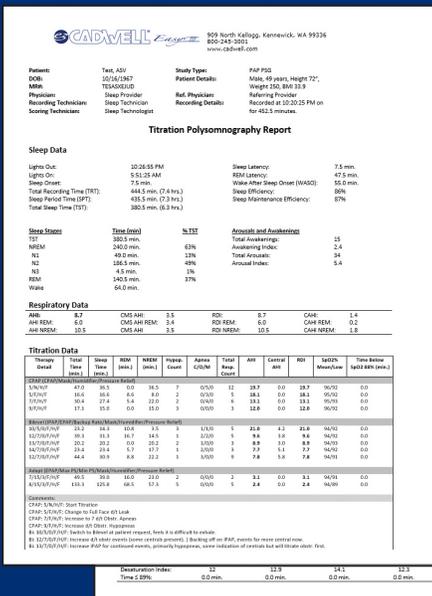
- Test, EtCO2 - Diagnostic PSG 3/11/2017 7:59:40 PM
- Test, tcpEt - Diagnostic PSG 6/7/2017 8:04:28 PM
- Test1, tcpCO2 - Diagnostic PSG 3/17/2018 7:48:46 PM
- Test2, tcpCO2 - Diagnostic PSG 4/5/2018 8:10:12 PM

The screenshot shows the Easy III Review Data window. It features a table with columns for Last Name, First Name, Patient ID, Date, Study Type, and Physician. The table lists several patients, including Smith, Adams, Brown, Diaz, Andrews, Parks, Avery, Bentez, Alexander, Day, Johnson, Carter, Lucas, Allridge, Snow, Glen, and Pratt. A 'Selected Patient' section on the right shows details for Parks, Asher. Below the table are filter options and search buttons.

The screenshot shows the Easy III Auto Archive Settings dialog box. It has tabs for General, Location, and Recurrence. The General tab is selected, showing options to enable auto archiving, include video, include associated documents, and delete after archive. There are also options to specify the number of days records haven't been accessed and to archive records with a specific status.

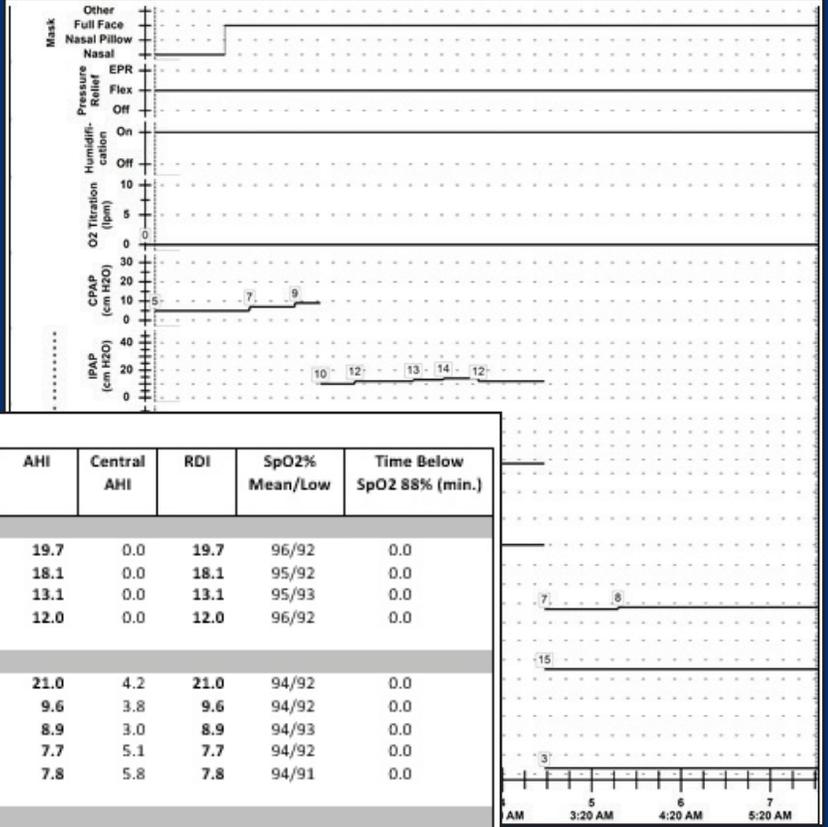
ApneaTrak studies appear in the Easy III Review window. Score ApneaTrak data exactly how you score PSG studies.

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, CO₂ 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.

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

In the 2000s, Cadwell developed the industry's best integrated report generator, and released the Easy PSG.

Lately, we have expanded our headquarters and opened offices in China and Singapore. 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.



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