



Advancing medical technology to help you help others.



Experience The Cadwell Difference – Since 1979

The benefits of owning a Cadwell system are numerous. Our development team understands and delivers what you need. Everyone at Cadwell stands behind our products, and we all have the same goal - to keep you as a loyal, devoted customer long into the future.

Innovative Neurodiagnostic Instruments

John Cadwell, BSEE, MD designed the first microprocessor-controlled EMG instrument. In 1979, he and his brother Carl, DDS, formed Cadwell Laboratories, Inc. and began selling their device. Since then, Cadwell has been a leader in the development and manufacture of innovative and reliable instruments for neurophysiology. Many of these instruments have been providing decades of service to their owners.

Numerous patents are held by Cadwell, including those for magnetic stimulators, cable shielding designs, neural network analysis of EEG, and database designs. Today, still located in Kennewick, Washington, John and Carl continue ownership of the company and come to work everyday to develop and market products ranging from EMG to EEG to PSG to IONM instrumentation and more. Cadwell has a firm hold of its identity and a dedicated focus on neurophysiology.

Advancing medical technology to help you help others.



Easy Ambulatory with Q-Video® Mobile™ 2 - The next generation in an ambulatory recording with video from Cadwell.

Easy Ambulatory with true multi-modality compatibility for EEG and PSG studies with video is designed to create a system with the highest level of patient comfort to date. Designed from the ground up, the Easy Ambulatory system is unequalled in size, weight, capability and accuracy. The next generation Q-Video Mobile 2 device has built in infrared lighting which allows for video to be recorded anytime day or night.

Powered by Cadwell's Easy III software, this portable system gives the user the same powerful and innovative analysis tools as Cadwell's clinical in-lab equipment.

EASY[®] Ambulatory



Q-Video® Mobile 2 Camera



32 channel EEG Color Coded Amplifier



Ambulatory recorder with battery pack

The Easy Ambulatory System is a True Multimodality System

The Easy Ambulatory system allows full EEG and PSG data acquisition anywhere the patient is along with Q-Video Mobile 2 recording. The Easy Ambulatory system continuously collects data for extended periods of time and allows you longer term studies over multiple days in a cost effective manner. The system can also be connected to a computer during acquisition to examine data real time.

Easy Ambulatory products use the same software and information management tools as other Easy systems; records are downloaded to an Easy workstation for analysis. The amplifier weighs just 5 ounces and the recorder with batteries weighs just 1.7 pounds.

Cadwell's exclusive EasyNet® communications method connects the various components of the system to each other. The EEG amplifier is completely self-contained, with all active components inside the amplifier. These features make our Ambulatory recorder the most flexible and powerful ambulatory system to date.

Easy Ambulatory EEG with Video

The system includes a recorder and D cell batteries. The amplifier supplied includes a shoulder or belt mounted pouch. The recorder uses a compact flash card to store EEG data. A voice event microphone allows the patient to record voice events that are saved and time synchronized with EEG data. The patient can press the event button on the recorder as needed during the data collection process. Q-Video Mobile 2 can be added to collect synchronized digital video and audio with the Cadwell Q-Video Mobile 2 camera. The next generation Q-Video Mobile 2 device has built in infrared lighting which allows for video to be recorded anytime day or night.

A typical Ambulatory EEG patient setup



Voice Event Microphone



Amplifier pouch with a 32 channel EEG amplifier.



Recorder with batteries



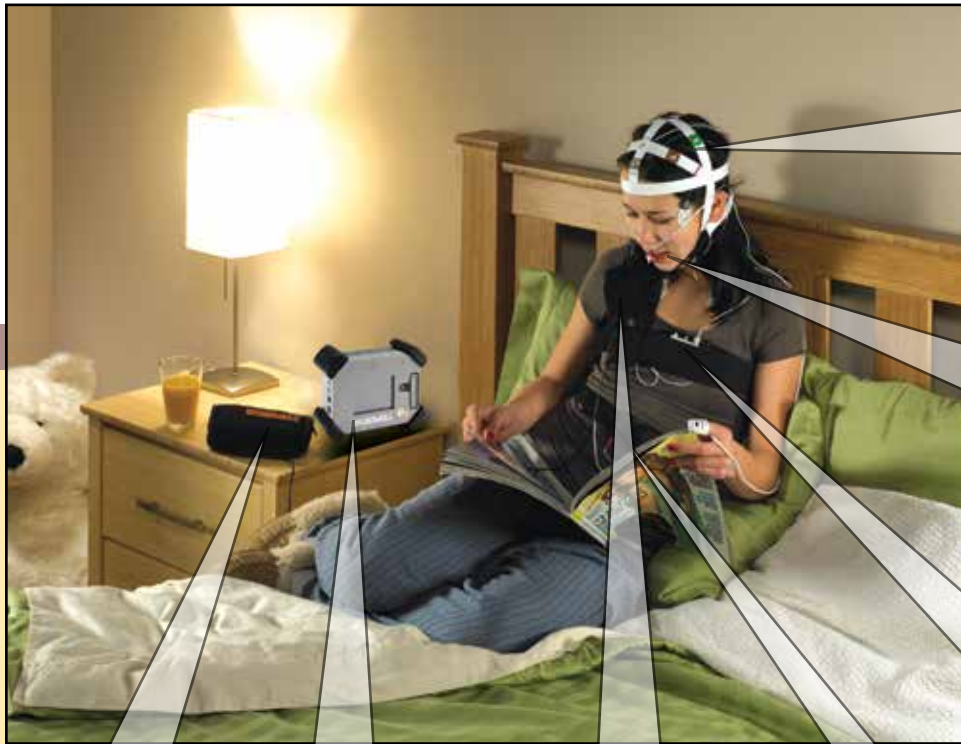
Q-Video Mobile 2 Camera

Easy Ambulatory PSG Recordings

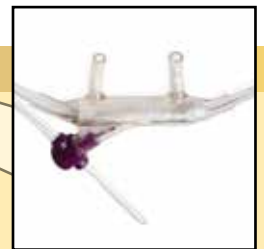
The Easy Ambulatory PSG system is designed to perform Type 1 through Type 4 sleep studies. Its modular design allows the use of the EasyNet components necessary for the study type desired. With the Easy Ambulatory system, any hospital bed can become an extension of the sleep laboratory. It provides an ideal solution for both apnea screening and complete PSG studies, whether in the hospital or at the patient's home. Q-Video Mobile 2 can be added to collect synchronized digital video with the Cadwell Q-Video Mobile 2 camera. The next generation Q-Video Mobile 2 device has built in infrared lighting which allows for video to be recorded anytime day or night.

Easy Ambulatory PSG includes all of the EEG components, plus a Nasal Pressure/Snoring Module, Oximetry Module, Body Position Module, Limb Movement Modules, Respiratory Belts and other accessories.

A typical Easy Ambulatory PSG patient setup



Sleep BraiNet® Template



Nasal pressure/
thermal sensor combo



EasyNet® nasal
pressure module



Recorder
with batteries



Q-Video Mobile 2 Camera

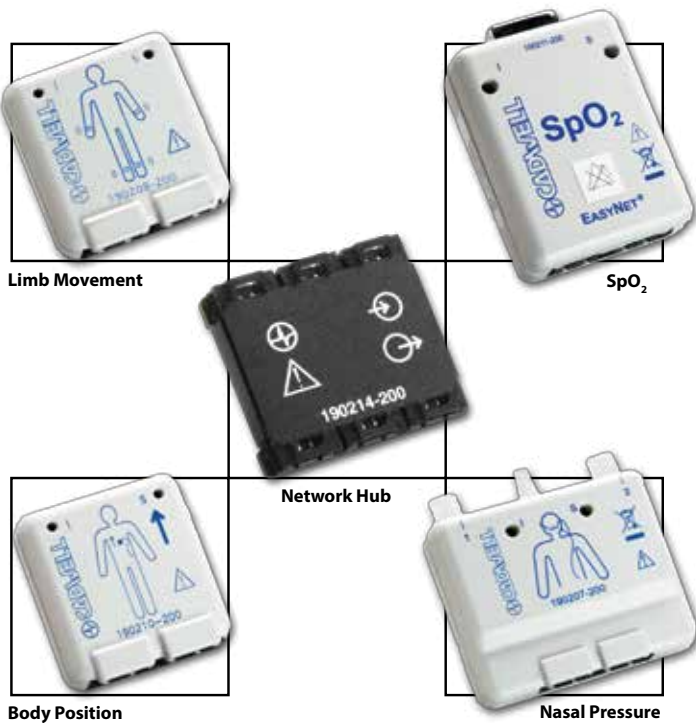


32 channel
EEG Color Coded Amplifier
(in pouch)



Respiratory Effort Belts

EasyNet® Patient Modules



Cadwell's EasyNet® modules create a body area network on the patient. This makes test preparation easy, fast and comfortable for the patient. EasyNet modules are the lightest and most compact sensors available for a variety of parameters, including SpO₂, body position, nasal pressure, and limb movement. The Cadwell EasyNet system optimizes cable management and provides unprecedented freedom of movement for the patient. EasyNet modules are used for both in-lab and ambulatory studies and are fully compatible with both Easy III and Easy Ambulatory systems.

A True Type 3 or 4 Sleep Diagnostic System

The Cadwell Multi Purpose Module is a small EasyNet® amplifier that can be used with the Easy Ambulatory recorder. The small design allows the user to configure the amplifier to collect EKG, airflow, respiratory effort, and snoring signals. The amplifier was specifically designed to allow the Easy Ambulatory recorder to be used as a Type 3 and Type 4 sleep study recording system.



Cadwell Customer Support



REMOTE ASSISTANCE

Cadwell is focused on making you a satisfied, loyal customer for years to come. Our telephone support is second to none. We answer every call during business hours with a real person. Our in-house employee technicians are trained professionals. Our web-based support program allows our technicians to troubleshoot real-time – as if they were in your office. Our flexible service contracts will meet your specific needs. Just ask.



Supplies and Accessories - www.estore.cadwell.com

The flexible design of Cadwell's amplifiers and software allows the use of almost all standard electrodes and accessories. Cadwell offers a comprehensive line of consumables for neurological monitoring, including cEEG, PSG, Clinical and Ambulatory EEG. Items can be purchased via estore.cadwell.com or by calling us.



10/20 BraiNet® Template



EasyNet® Cable



Limb and Shoulder Straps



Snoring Sensor Microphone



PSG/EEG Color Coded Electrodes



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