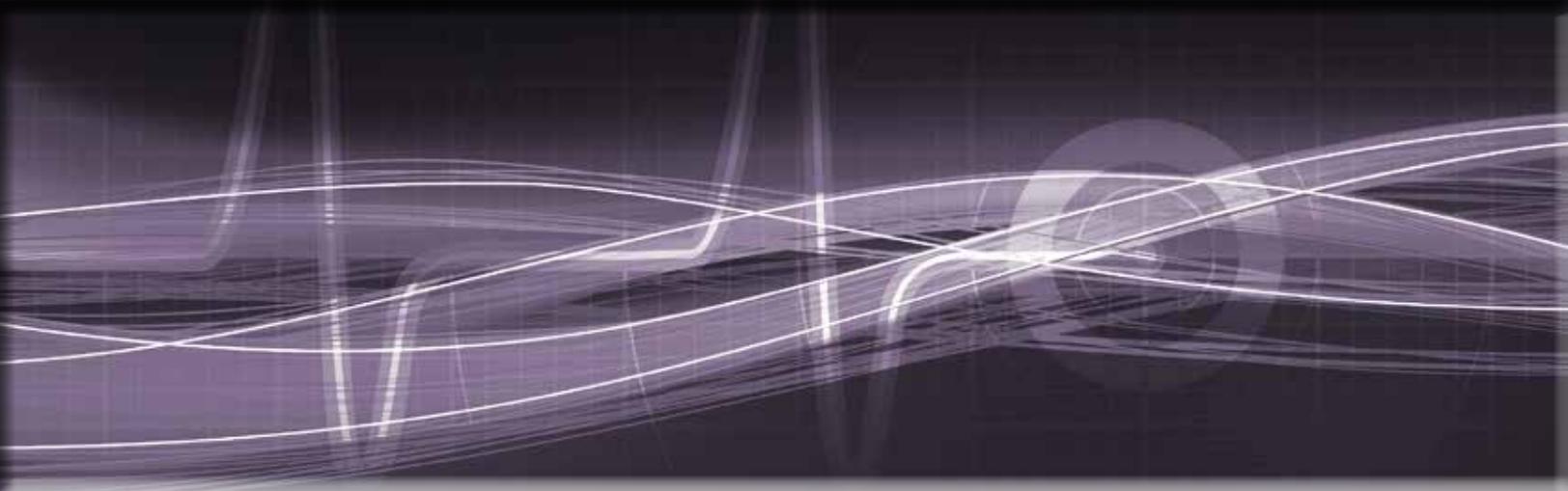


The logo features a blue circle with a yellow stylized 'e' on the left. To its right, the word 'Easy' is written in a blue cursive font, followed by 'III' in a blue serif font and 'EEG' in a blue sans-serif font.

e Easy[®] III EEG



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.

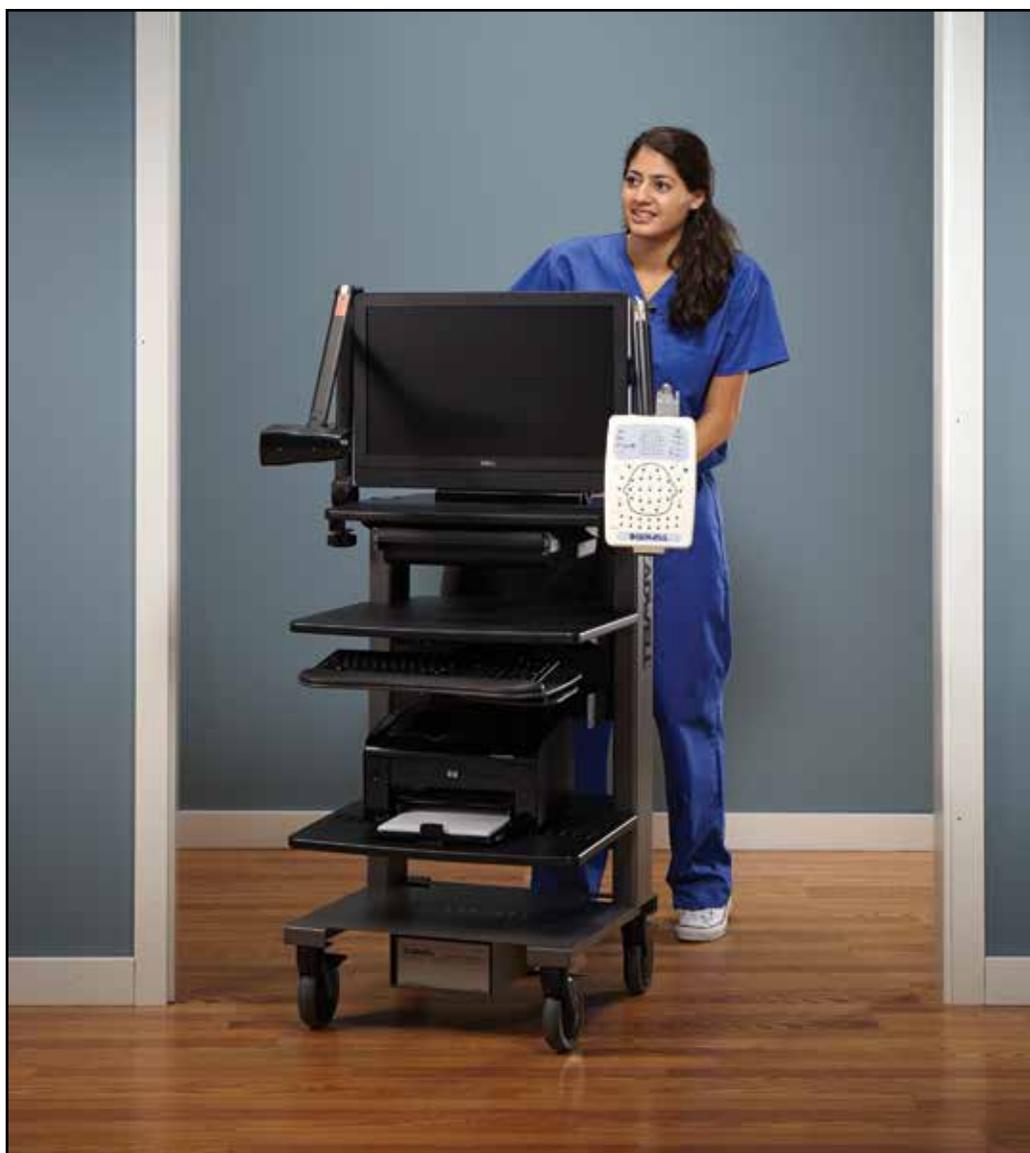
Advancing medical technology to help you help others.



Easy® III - the New Standard of Excellence for Clinical EEG, LTM and cEEG monitoring for Critical Care patients

Cadwell's new Easy III includes a broad range of powerful features to meet all of your EEG monitoring needs. The quality and reliability you expect from Cadwell are built into each instrument at our Kennewick, Washington factory.

With a system optimally designed for each testing environment - fixed in-lab systems, portable cart, laptop and ambulatory configurations - Easy III provides a comprehensive solution for the contemporary neurodiagnostic laboratory.

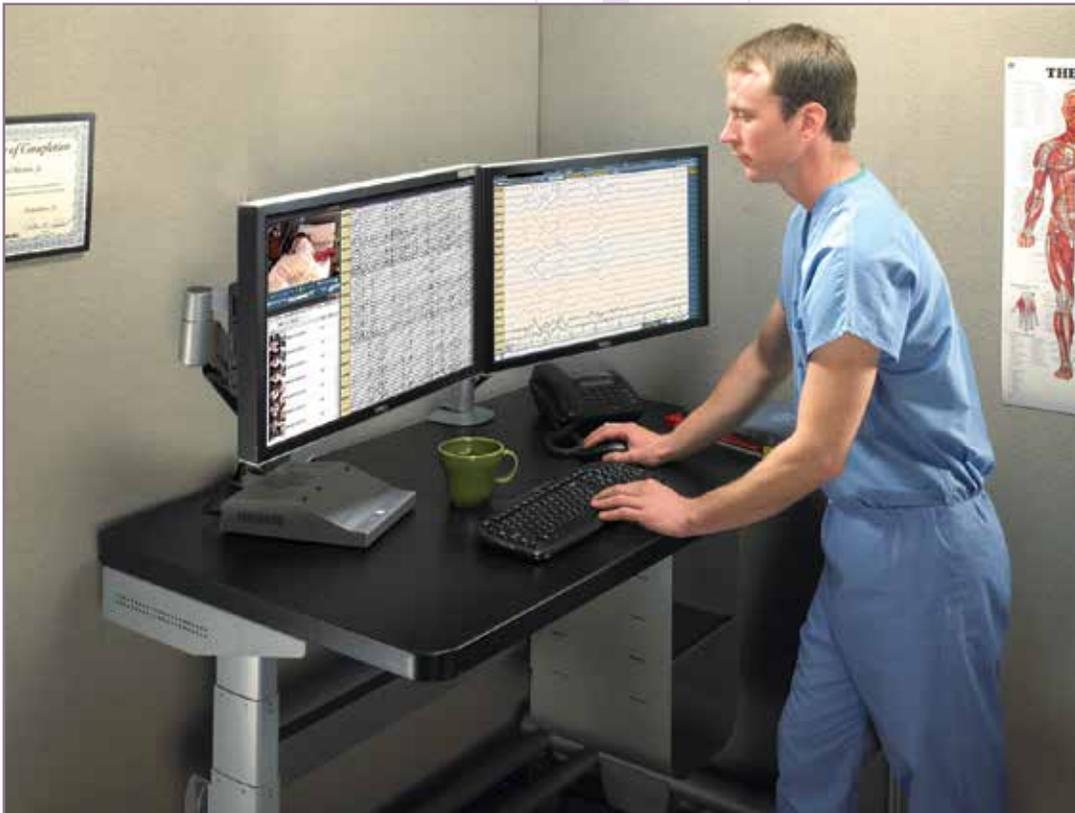


Easy III EEG System Highlights

- Customizable user interface
- Advanced amplifier design
- MPEG-4 video with proprietary Q-Video® technology
- Integrated scheduler/calendar
- Powerful remote monitoring capabilities
- Rapid montage setup and editing on-the-fly
- Real time spike detection option with auditory and visual notifications
- Continuous EEG Monitoring for critical care patients
- Ambulatory recording configurations, including video
- Creative workflow and file management features
- User access audit trails
- Flexible report generator using Microsoft® Word®
- Optional HL7 interface module
- Unsurpassed product reliability and after sale support
- Clinical database to review patient population details and record access information



ICU/ER Configuration

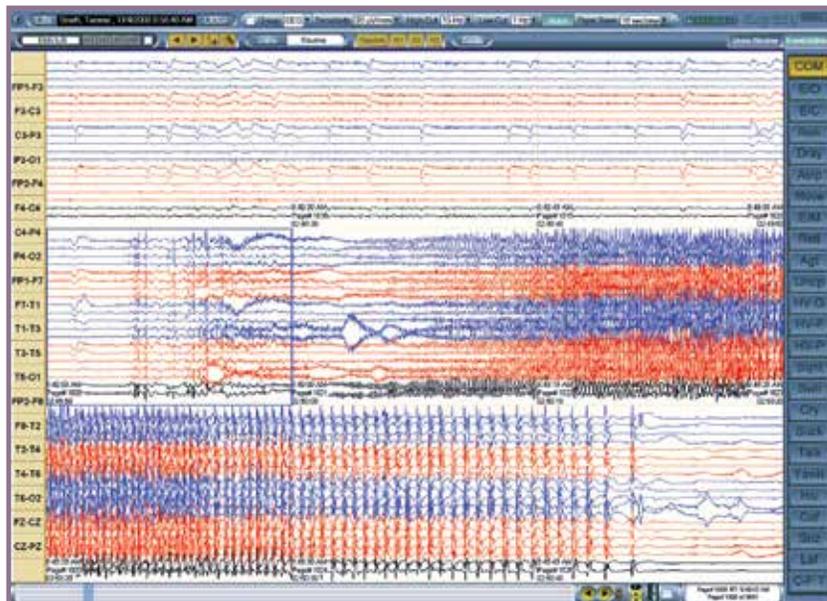


Dual monitor configurations increase efficiency during data collection and review.

Customizable User Interface

One of Easy III's most creative and useful features is the ability to create a variety of different views, or ways of displaying data. Various montages, waveform characteristics, epoch sizes, and other parameters can be assigned for each view. The user is able to quickly change the way information is displayed in order to provide a different perspective and rapidly respond to testing needs.

Cadwell's Satellite View™ compresses up to 100 epochs of data into a single window. This provides an overview of a segment of the study and is particularly useful in identifying bursts of activity or repetitive events. In addition to having a number of view options, the user also has the ability to open specific windows for video, event detection, notations or other information, and place them conveniently on the screen or on a second monitor at any time during data acquisition or review.



Faster, More Intuitive Software

Easy III's interactive user interface makes data acquisition simple, and easy for new employees to learn. Intuitive commands on the acquisition screen accomplish common tasks such as sensitivity, filter and montage changes with a single click. Other commands mark events, measure impedance, perform calibration and record key information.

Beginning a study couldn't be easier. Simply click on the name of the patient to be tested, then begin recording. Demographic information on a new patient may be manually entered at any time, or entered automatically through the patient scheduler. A simple click on a recording channel allows the user to re-reference, change sensitivity, filters, or other waveform characteristics. Changes are readily made for groups of electrodes or all electrodes simultaneously.

Making annotations to the record is quicker than ever. Simply choose from predefined comments and place them on the record in the desired location. For a longer comment or one requiring further explanation, just open a dialog box and begin typing. Other readily accessible and intuitive commands are available to change montages, epoch size, or to enter bookmarks into the record for quick reference at a later time.

Advanced Amplifier Design

The Easy III was designed with the needs of both the technologist and the patient clearly in mind. Cadwell's compact remote input boxes provide patient comfort as well as convenience in patient hookup and preparation. Molded connector ports with secure cable connectors ensure recording integrity. Easy III amplifiers incorporate the latest developments in amplifier design and signal processing to provide unprecedented performance. The basic 46 channel Easy III amplifier includes 32 AC inputs, 12 EasyNet® channels, 1 ambient IR light channel and 1 ambient light channel. For studies requiring more recording channels, it is expandable in increments of 32 channels to a total of to 128 AC and 8 DC recording channels. Additional channels can be added for oximetry, heart rate and other parameters.



Amplifier with remote input box

Powerful and Time-Saving Features For LTM

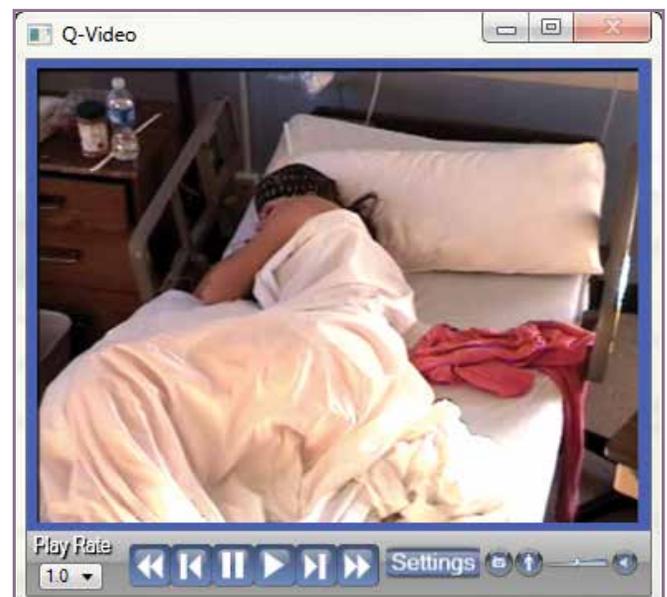
Rapid montage setup and editing on-the-fly

Montages can be edited or created "on-the fly." Easy III's intuitive montage editor makes it simple and fast. Easy III allows you to set up an unlimited number of montages and change them at will to accommodate grids, strips and other montage requirements.

MPEG-4 video with Cadwell's proprietary Q-Video® technology

Easy III's MPEG-4 video compression provides crystal clear video precisely synchronized with patient data. Video resolution and audio settings can be adjusted by the user as necessary to create the desired results.

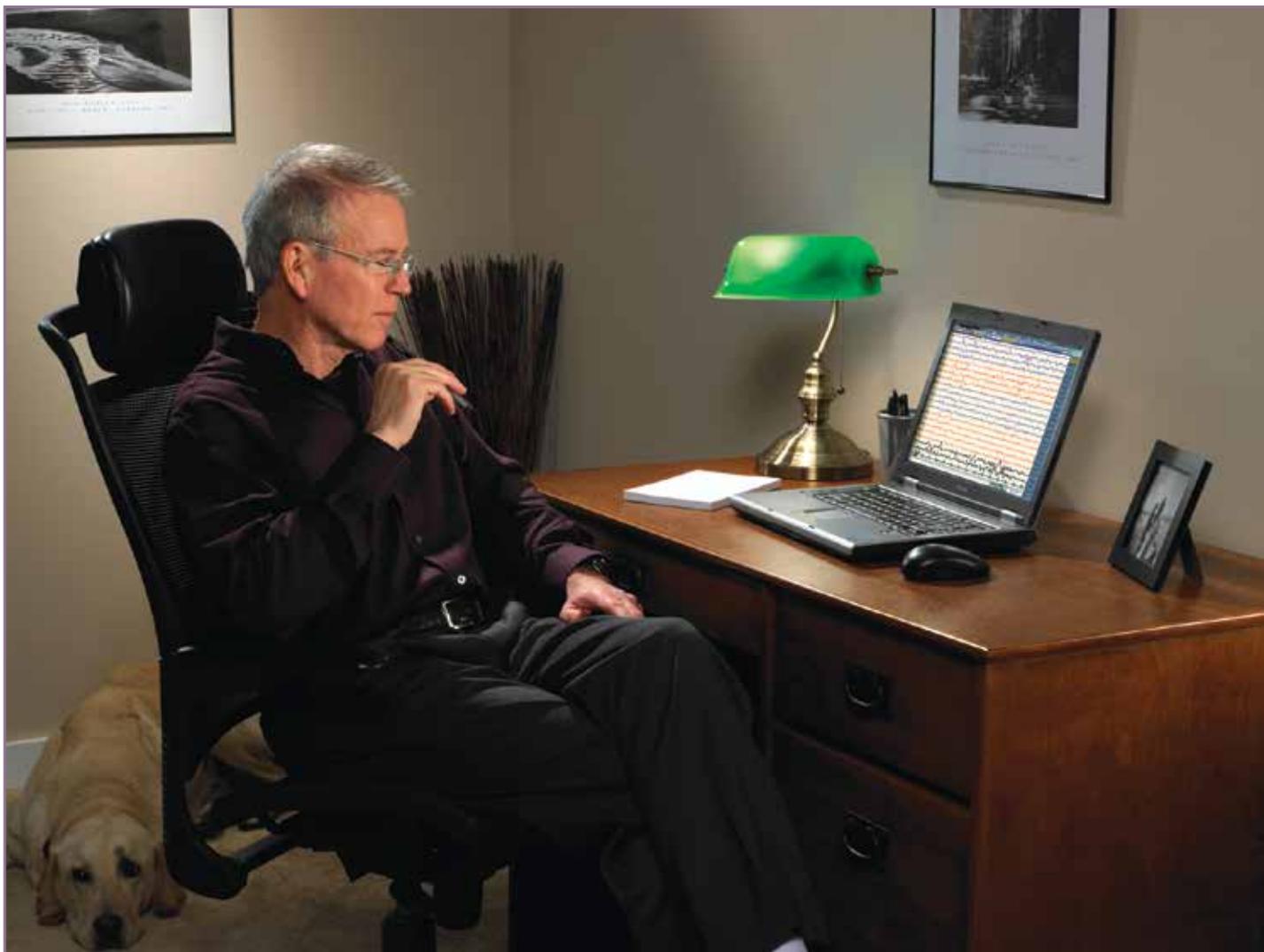
Using a unique technology developed by the engineers at Cadwell, movement can be depicted with color so that clinical and neurological events are more easily identified and correlated. The user can toggle between standard video and Q-Video as necessary for optimal viewing.



Continuous EEG Monitoring for Critical Care Patients

Easy III includes many important options to make continuous EEG monitoring in the ICU or other critical care environment practical and cost effective. EEG trends and monitoring displays are provided by Persyst Development Corporation EEG monitoring and trending software. Adaptive artifact rejection uses sophisticated algorithms to detect artifacts. A contaminated channel that might affect a trend is dynamically removed to preserve the accuracy of the trend display. Easy III's comprehensive array of EEG monitoring components with Persyst software options provide a powerful platform for the EMU, ICU, and NICU including:

- State-of-the-art Persyst EEG asymmetry trends and notification.
- Alpha/Delta ratios and Relative Alpha Variability trends for detecting the presence of ischemic changes.
- Burst suppression trending.



Remotely review records to save time

Ambulatory Recordings

Data collected with Cadwell's Easy Ambulatory System are indistinguishable from those collected in the laboratory. Easy ambulatory products use the same software and information management tools as other Easy systems; data are downloaded to an Easy workstation for analysis using a standard network connection. The Easy Ambulatory amplifier weighs only 5 ounces, and the recorder with batteries weighs just 1.7 pounds. Cadwell's Q-Video® Mobile™ 2 option allows video recording of the patient during Ambulatory EEG studies. 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 III's spike and seizure review option does the arduous task of categorizing and sorting spikes detected during the recording. Spikes that share similar location and shape are automatically grouped for rapid identification and analysis. Patient voice events can be easily added to the record with Cadwell's voice event microphone. Physicians can play back patient voice events during review.



Voice Event Microphone



Recorder with battery pack



A typical Ambulatory EEG patient setup



Amplifier pouch with a 32 channel EEG amplifier.



Q-Video Mobile 2 Camera

Integrated Patient Scheduler

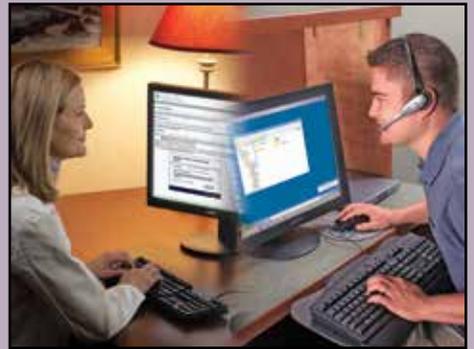
Laboratory workflow, personnel, equipment and facility requirements are conveniently managed using Easy III's patient and resource scheduler. Scheduled procedures can be viewed by physician, technician, equipment or location. Daily, weekly and monthly views are readily accessible.

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



EEG Color Coded Input Box



EEG Color Coded Electrodes



Limb Movement Module



SpO₂ Module



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