

E3	E1	
✓	✓	32 channels of EEG, 7 active/reference pairs
✓	✓	Electrode Continuity Check
✓	✓	Non-proprietary USB power and communications cable
✓	✓	250 and 500 Hz Storage Rates
✓		1000 and 2000 Hz Storage Rates
✓	✓	Supports USB Photic
✓		Continuous Impedance
✓		Supports USB Oximetry

Software Options

Satellite View™, Highlights View, Video Recording Software, Remote Acquisition Control, Synopsis Trends and Seizure Detection, Auto-Archive, HL7 Interface, Scheduler

Hardware Options

Remote Input Box, IP or USB Camera, Photic Stimulator, Pulse Oximeter, Patient Event Button, various PCs and carts, and electrodes and supplies

SOFTWARE FEATURES	BENEFITS	VALUES
Easy Patient Setup	Streamlined patient setup lets you start recording before entering patient information.	Start a study fast if a patient is seizing.
Intuitive Software	Easy to use with minimal training.	Easily train new users.
Continuous Impedance Check	Software instantly alerts users if an electrode exceeds the user-defined impedance range.	Have peace of mind and good data results in a cleaner recording.
Electrode Continuity Check	Check the quality of any given electrode.	Save time by eliminating the guesswork of electrode prep versus electrode quality.
Synopsis Trends and Seizure Detection	Simplify EEG analysis.	View seizure-marked or unmarked EEG data; view Trends and customize analysis; set thresholds to automatically detect and mark seizure and event activity.
Event Windows	Add a window to the recording view that is associated with a specific event.	When an event of the type specified is triggered during a recording, the event button light turns yellow and the acknowledge button appears. Users can be aware when specific events occur during the recording.
CadLink™ Database	Connect data and settings across all Arc PCs for synchronized data, remote review, and custom user settings.	Use remote live control to change the acquisition remotely, or use remote live view to monitor the study without affecting acquisition. And customize user-based settings.
Custom Study Types	Create recording start buttons to match test types and workflows.	Streamline the user experience with customized studies on all Arc systems.
Custom User-Based Settings	Each user can tailor their settings and access them on any Arc PC.	Provide a familiar experience for each user during acquisition and review.
Custom Fields	Users can create custom fields for patient information.	Help users tell the complete patient story for reports.
Custom Required Fields	Administrators can mandate fields that need to be filled out before closing a study.	Help establish consistency in patient information.

SOFTWARE FEATURES	BENEFITS	VALUES
Edit Views	Add windows to views or adjust their position on the fly. The software works for you versus you working for the software.	Improve the quality and speed of data view and review. Give users the flexibility to look at data how they want with one click.
Satellite View™	View up to 100 pages of EEG on one screen.	View full duration, repetition and frequency of activity bursts.
Highlights	Highlight data segments and adjust highlight boundaries to view more event context.	Improve review speed and efficiency.
Copy Highlights	Copy snippets of data out of a recording for review.	Showcase events for quick review and presentations.
Copy Records Anonymously	Copy data without patient information.	Creates HIPAA compliant copies of recordings for studies and reports.
Copy Record with Viewer	Create a copy of recording that can be viewed on any PC.	Provide recordings to patients that can be read on any PC.
CadReports	Reports pull data from the study into Word®-based report generator.	Create and edit report templates with study data and digital signatures.
Video Recording Software	Playback synchronized video and EEG with fine-tuned mouse control.	Allow fine-tuned playback to help identify and view events. Use digital zoom to review seizures and events. Display video behind EEG for robust view of EEG and video.
Integrated Camera Controls	Control camera within Arc software.	Control pan, tilt and zoom within Arc. Faster response and no third-party controls.
Associate Documents	Allows users to attach any digital file to the patient record.	Consolidate patient forms, insurance, questionnaires, etc.
Track Log In/Out	Administratively track users' log ins and log outs.	Log changes in technicians during a long recording without pausing study.
CadSchedule	Assign patient information, documents and equipment; and create work lists.	Streamline work flow by scheduling technicians, equipment and patients.
Multi-Modality	Run Arc on the same PC as Sierra or Cascade in on a stationary or cart-based system.	Combine Arc with other Cadwell systems for one powerful unit.
Auto Archive	Set parameters to automatically save data to the archived location.	Eliminates manual archiving steps and helps IT ensure short-term storage does not get full.
Streaming Data	Automatically streams data to the CadLink Server.	Eliminate the need to copy the entire record after acquisition is completed. This will reduce the time and size of data transfers.

HARDWARE FEATURES	BENEFITS	VALUES
Storage Rate 250 – 500 Hz; 1000 – 2000 Hz	Higher storage rates for EEG data are available with the E3 amplifier.	Increase storage rates for EMU, LTM or ICU.
Well-Designed Hardware	32 channels with seven active and reference pairs. Its rugged case with fortified rubber corners protects amplifier from damage.	Ensure longevity of hardware through the daily wear and tear of a hospital or home environment.
Remote Input Box	Compact color-coded design with secure cable connectors.	Ensure convenient setup, recording integrity and patient comfort.
USB Accessories	Plug and play USB Amplifier, photic stimulator, oximetry sensor and cameras.	Simplify connections. USB-based cables eliminate IP conflict issues that arise with Ethernet-based technology.
Electrodes	Purchase all electrode needs from Cadwell's Consumables and Neurodiagnostic Supplies catalog.	Everything you need in one place.
Computer Options	Choose from a variety of computers	Arc software is installed and ready to use.
Carts: POC, Pole or T2	Choose from a variety of carts.	Pick the features you want in a portable system.