

## ARC ZENITH

Arc Zenith™ is a robust high channel count amplifier for intracranial and extracranial EEG recordings that allows you to capture up to 288 channels at a 1 MHz sampling rate and storage up to 8 kHz per channel. Designed for use in epilepsy monitoring units (EMUs), Arc Zenith helps simplify the operational workflow, minimize the risk of errors, reduce setup and surgical time, and enhance data accuracy and analyses.

- **Delivers up to 288 channels.** Choose one or two 144-channel amplifiers to achieve up to 288 channels.
- **Durable and rugged hardware.** The Zenith Amplifier features a rugged, drop-tested, and water-resistant construction, capable of withstanding daily wear and tear.

### Patented Zenect Smart Connectors Improve Operational Workflow and Efficiency

Cadwell's Zenect® adaptors are patented, smart ID mass electrode magnetic connectors for high channel count intracranial EEG. These unique connector blocks simplify the setup, connection, disconnection, and reconnection of grid, strip, and stereotactic (sEEG) electrodes. This technology significantly reduces setup time and the possibility of errors when disconnecting and reconnecting hundreds of inputs.

Once programmed and mapped to a specific electrode set, each Zenect can be plugged in anywhere on the Zenith amplifier(s), and the system will recognize which electrode set it is, regardless of orientation.

### Cortical Module Kit for Integrated Stimulus Delivery

The Cascade® IOMAX® Cortical Module is used in conjunction with the Arc Zenith system to deliver seamless software-controlled stimulation to any electrode contacts without needing to physically switch inputs. The Software Stimulation control allows for stimulation of one or more contacts within or across amplifiers.



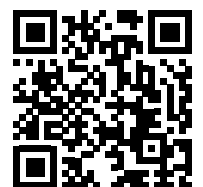
*Above: Two Arc Zenith 144-Channel Amplifiers, Cascade IOMAX Cortical Module, and Zenect Cabrio Adaptors.*

*Right: Technician attaches Zenect adaptors to an Arc Zenith amplifier.*



**READY FOR A DEMO?**

Scan the QR code or visit [www.cadwell.com/contact-us](http://www.cadwell.com/contact-us) to schedule a demonstration.





## ARC EEG SOFTWARE FOR COMPREHENSIVE EPILEPSY MONITORING

### Arc Software Smart Tools Help You:

- Auto-generate bipolar, referential, and area of interest montages
- Select and place implanted electrodes in real time with only a laptop in the operating room
- Use either graphical or table interface for electrode placement organization, and automatically generate montages from your electrode sets
- Save setup and configuration time with preset library lists of electrodes by manufacturer, type, size, and spacing
- Change the order of the recording montage on the fly without needing to stop the recording or physically switch any electrode inputs

### Arc EEG Software Includes an Open Source API for Research



## CADLINK DATA MANAGEMENT

CadLink<sup>®</sup> is a secure, enterprise-level patient information and database management system for Cadwell's Arc EEG, Cascade IONM, and Sierra<sup>®</sup> EMG/NCS/EP/US software. CadLink is Citrix<sup>®</sup>-compatible and offers full patient bi-directional HL7 integration with Enterprise EMR.

CadLink organizes, manages, and secures your patient files and customized user settings. Remote EEG technicians can view live or review multiple patients at once. CadLink lets you manage multiple patients efficiently and effectively, and to archive and share data.



*Traces, Intracranial Visual Montage Editor, Intracranial Stimulation, and Patient Response windows.*

*Intracranial Stimulation with Intensity Controls, Stim Controls, Electrode Layout, and Patient Response windows.*

