



Arc Zenith for Intracranial or Extracranial EEG with Direct Cortical Stimulation

HIGH CHANNEL COUNT EEG WITH INTEGRATED DIRECT CORTICAL STIMULATION

Arc Zenith™ empowers up to 288 channels with 1 MHz sampling and storage up to 8 kHz. It was designed to simplify your operational workflow and reduce setup and surgery time.

ARC ZENITH HELPS

- Improve patient outcomes
- Lower the risk of errors
- Enhance data accuracy and analyses

- Auto-generate montages and streamline input layout with auto input mapping
- Select and place your electrode layout from a laptop in the OR.
- Use either graphical or table interface, and automatically generate montages from your electrode sets
- Save setup and configuration time with preset lists of electrodes by type, size, and spacing
- Select any input as ground and any other input as the recording reference on any amplifier
- All intracranial case settings and montages follow the patient record
- Rugged and drop-tested



CORTICAL STIMULATION

Control cortical stimulation mapping through Arc software to help guide the surgical plan.

- For functional mapping, use the software-controlled internal switch matrix for stimulation of any contact
- Customize cortical SSEP stim parameters and create graphs and tables of functional and afterdischarge responses.
- Use Short Pulse Stimulation (SPS) for interruption of afterdischarges during cortical stimulation.
- Take full control of cortical stimulation through the software integrated switch matrix with flexible stimulation parameters
- Document cortical stimulation, functional responses, and afterdischarge responses
- Create graphical images and tables for functional response and afterdischarge mapping with automated integration into reports

ZENECT SMART CONNECTORS

Touchproof Zenect® smart connectors maintain electrode mapping across inputs and between multiple amplifiers, and are custom adapter compatible. Zenect connectors allow easy and rapid disconnection and reconnection of electrodes en mass with less potential for error.

