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CerebraLogik (aEEG)

Integrate Continuous Brain Monitoring features in your Patient Monitors

High-quality technology with excellent performance is now easily available to you!!

Mennen Medical is proud to bring you one of its novel cutting edge developments as an OEM or OBL solution: The CerebraLogik. This sophisticated clinical tool to help physicians easily and speedily recognize abnormal brain activity, facilitating life-saving treatment.

CerebraLogik is a front end, dual Channel differential **EEG Amplifier** with **aEEG analysis** that can interface with your Patient Monitors. This compact and precise module provides **real time EEG and aEEG** data and waveforms, allowing to monitor, store, and display the information simultaneously with other vital signs.

* **EEG**: Electroencephalogram, **aEEG**: amplitude-integrated electroencephalogram

aEEG Advantages

- **Continuous & extended bedside monitoring of brain status over hours and days.**
- **Fast, simple, and effective for earlier diagnosis and immediate treatment of abnormal brain functioning**
- **Effective for directing the immediate management of sick newborns with background and seizure pathologies**
- **Provides vital data for neurological diagnosis even by non-neurologist physicians.**
- **Practical: aEEG Monitors are suitable for various medical settings.**

CerebraLogik Key features:

- **Portable and simple to use**
- **Appropriate for Neonatal to Adult Patients**
- **aEEG interface with Patient Monitor (OEM) or Monitor-Integrated aEEG (OBL)**
- **Two channels of EEG and aEEG,** contributing to the sensitiveness of this tool for better seizure detection
- **Both channels are differential ("Left" + "Right" EEG/aEEG channels and 1 Cross Channel) with high common mode rejection, thus preventing interference from devices such as pacemakers and peripheral stimulators**
- **The aEEG module is equipped with sockets for 1.5mm Female DIN connectors, for use with standard cup or needle electrodes.**
- **5 electrodes inputs: 2 active pairs and 1 ground electrode**
- **Convenient RS232 or USB Connector**
- **OEM module or OBL options**

aEEG usage in clinical settings

- **Treatment Indication and outcome prediction of Neonatal Hypoxic-Ischemic encephalopathy (HIE)**
- **Neurological assessment following Brain injury (i.e following TBI, Ischemic stroke, Hemorrhagic injury etc.) and/or following anoxic periods (i.e. following cardiac arrest)**
- **Seizure detection**
- **Monitoring the affect of Medications and therapies on brain function**

June 2014