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CCE-GF

Portable/Ambulatory Routine EEG System

is a professional digital AEEG device designed and developed to allow clinicians to perform all standard applications of routine EEG and long term EEG monitoring anywhere due to its portable and compact design. It also has low power consumption making it capable of supporting up to 72 hours recording with just four AA batteries. This device supports real-time EEG waveform recording and display via Wi-Fi and dynamic recording with Flash memory card.

Channel Options

24 32

64

Functions

Routine EEG

Video EEG



Acquisition & Settings



1. Color of waveforms is in accordance to color of events
2. Instant event-marking with hot keys
3. EEG channels can be arbitrarily set-up – customizable channels layout during collection process and playback analysis
4. Channel Customization - Simple and intuitive
5. Events markers during recording – for timing of seizures and abnormal wave occurrences
6. Event localization during playback – marked events are listed and can be traced
7. Real-time EEG tendency chart synchronized with EEG waveform acquisition
8. EEG Tendency Chart with the following parameters displayable:
 - Energy curve
 - Energy peak frequency
 - Peak value frequency
 - Relative Energy
 - Side frequency index
 - Absolute Energy
 - Medium frequency index
 - Coma Index

System Key Feature

1. Compact design – portable and easy to carry
2. Complete with EEG isolation – support maximum patient movement without distortion
3. User-friendly operation
4. Low power consumption – capable of supporting up to 72 hours recording with four AA batteries.
5. Supports real-time EEG waveform recording and display via Wi-Fi
6. Dynamic recording with Flash memory card
7. All-in-one electrode cable for easy connection
8. Use of DC power supply
 - Eliminates risk of electric shock to patients
 - Prevents signal interference
 - Removes the need to use ground wire or other shielding features
9. Fast data uploading capability – stored data in Flash memory card can be quickly transferred to the computer through USB 2.0/USB 1.1 Interface
10. Optional video system – Recording, Editing and Displaying of video synchronously with EEG signals



Replay & Analysis

1. EEG Mapping
2. EEG Tendency Analysis
3. EEG Spectral Analysis
4. Brain waves fast playback and fast positioning function
5. Automatic spike recognition with adjustable spike-wave parameters
6. Customizable combinations of parameters and filters during EEG data review
7. Automatically generates EEG case reports
8. Customizable print templates

