

KT88/KT88-2400/KT88-3200 Digital Brain Electric Activity Mapping

The Digital Brain Electric Activity Mapping collects EEG signal by electrodes, via auto-analysis and FFT, to form electroencephalogram. They are applicable for checking such diseases as epilepsy, intracranial inflammation, cerebrovascular diseases and brain tumors.

Features

- Channels:
KT88 : 16-channel EEG + 2-channel ECG(optional)
KT88-2400 : 19-channel EEG+5-channel multi-parameter (including: 1-channel ECG + 1-channel EMG+ 2-channel EOG + 1-channel respiration)(optional)
KT88-3200 : 32-channel EEG
- Display speed(paper speed): 5, 10, 15, 30, 60, 120 mm/s, gain: 1, 1.5, 2, 3, 5, 7.5, 10, 12, 15, 20, 30, 50mm/50 μ V, Playback speed: 1, 2, 3, 10, 20, 40, 60 times.
- Multifunctional digital filter systems, user can freely set low-pass, high-pass, band pass and band stop filter.
- Electronic frequency ruler with partial magnification window, to accurately measure EEG cycle, amplitude and frequency, and which can be adjusted according to requirements.
- User-defined events can be added, waveform color for evoked event can also be freely set, ensures that the waveform in corresponding time can be rapidly found by event name during case playback.
- Powerful and automatic analysis function, display of many charts(including kinds of BEAM, numerical BEAM, compressed spectrum chart, trend chart, etc.) on one screen.
- Multifunctional flash stimulator with USB interface, which can control flashlight manually or automatically. A flashlight stimulation scheme can be set and performed in the process of collection.
- Perfect case management function, provides many means for research and fast statistic information, which is convenient for exporting and importing cases.
- Integrative image and character report, report mode can be edited and switched to Word document.
- With the functions of converting case files into EDF and BDF data format, which is convenient for data interchange and academic exchange.
- System parameters and display modes can be set according to requirements.
- Marks and annotations can be added to the waveform designated, which can rapidly find the waveform in that time by marks.
- Optional functions: video, SpO₂.



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KT88-2400



KT88-3200

