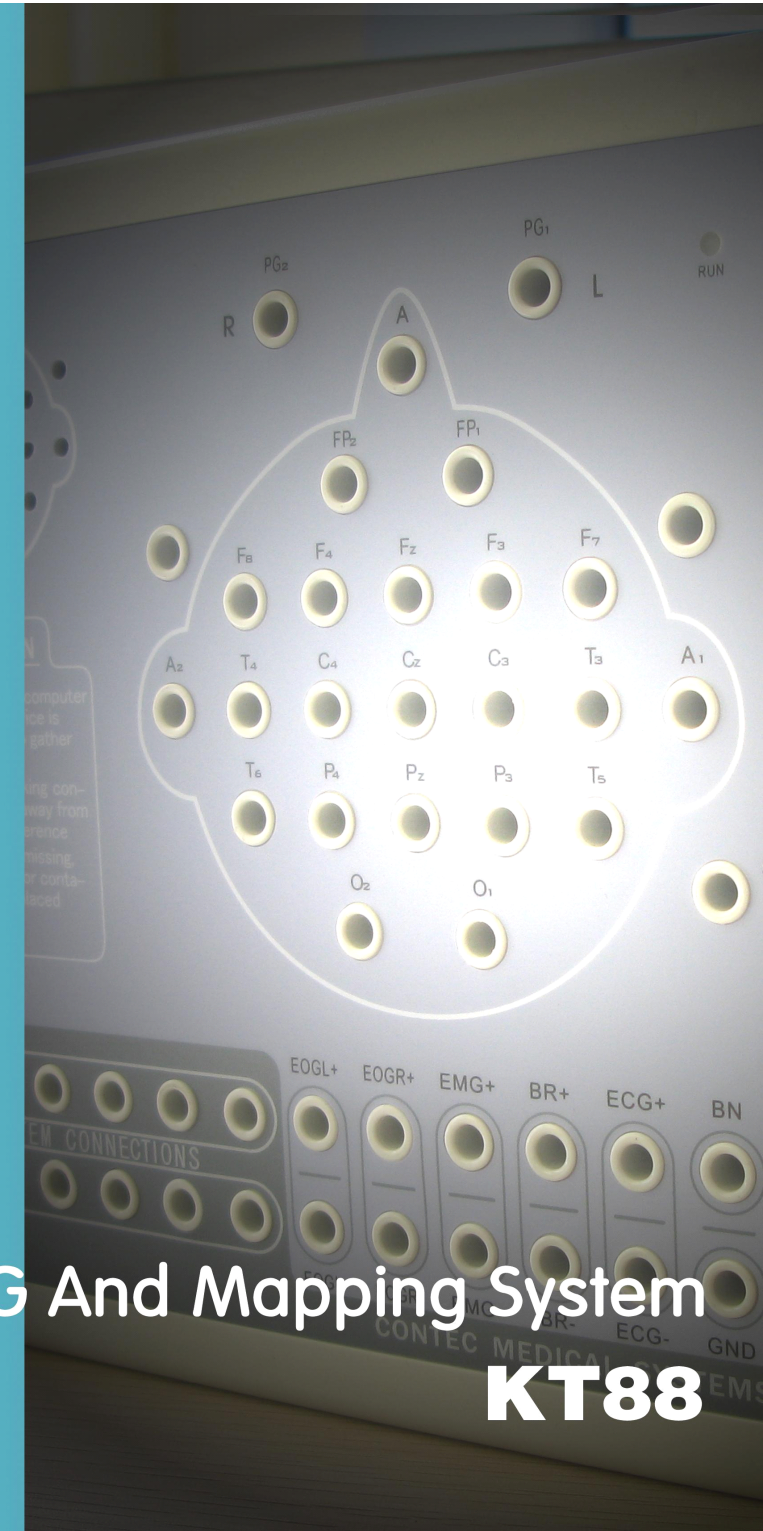


Digital EEG And Mapping System

Capability parameter	KT88	KT88-2400	KT88-3200
Number of channels	16 channels EEG	19 channels EEG	32 channels EEG
Speed of sampling	100Hz/channel	200Hz/channel	200Hz/channel
Precision of sampling	12bit	12bit	12bit
Input impedance	$\geq 10M\Omega$	$\geq 10M\Omega$	$\geq 10M\Omega$
Level of noise	$\leq 5\mu V$ Vp-p	$\leq 5\mu V$ Vp-p	$\leq 5\mu V$ Vp-p
Common mode rejection ratio	$\geq 90dB$	$\geq 90dB$	$\geq 90dB$
Magnifying Multiple	10000	10000	10000
Filter constant	Free-setting in full digital	Free-setting in full digital	Free-setting in full digital
Displaying Speed	15, 30, 60mm/s	15, 30, 60mm/s	15, 30, 60mm/s
Displaying Amplitude	1, 2, 5, 10, 12, 15, 20mm/50 μV	1, 2, 5, 10, 12, 15, 20mm/50 μV	1, 2, 5, 10, 12, 15, 20mm/50 μV
Speed of replaying	1, 2, 3, 10, 20, 40, 60	1, 2, 3, 10, 20, 40, 60	1, 2, 3, 10, 20, 40, 60
Interference Rejection Ratio	$\geq 30dB$	$\geq 30dB$	$\geq 30dB$
Optional function	Video, 2-lead ECG	Video, 1-leadECG, 1-leadEMG, 2-leadEOG, 1-leadBreath, Support the function of intraoperative monitoring and sphenoidal electrodes, SPO2	Video, Support the function of intraoperative monitoring and sphenoidal electrodes

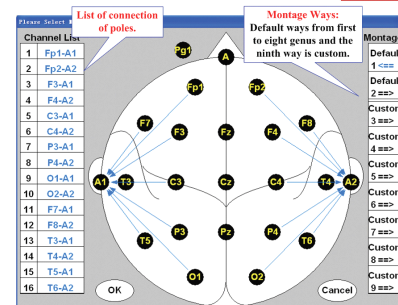
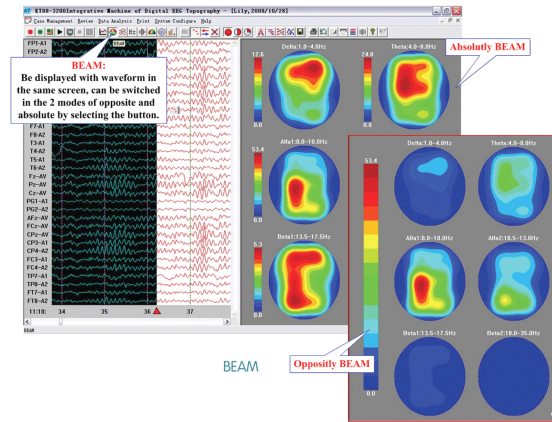
Digital EEG And Mapping System
KT88



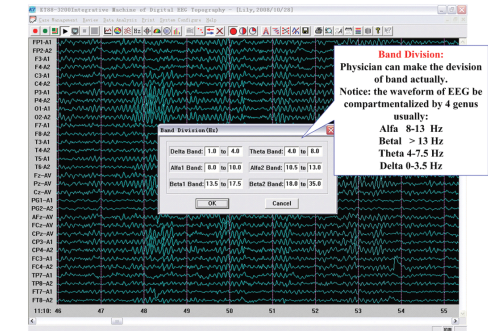
Digital EEG And Mapping System

Features

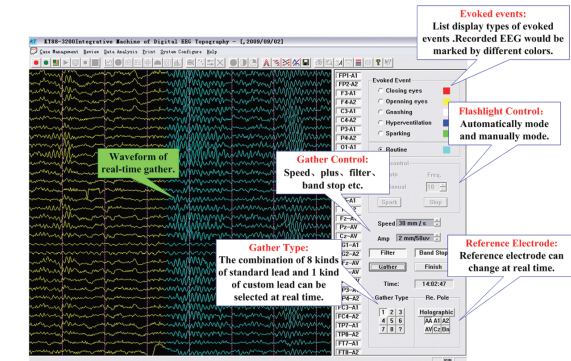
- Method of 10/20 electrodes placement under international standard system, can change leads ways while replaying, and set electrode connection mode at will.
- Using bioelectricity amplifier to obtain brainwave, can record continuously for 24 hours, and integrate automatic calibration system.
- Powerful replaying function : support consecutive and rolling replaying models. adjustable amplitude and replaying speed. Special vertical time line, which marks the collecting time, divides the waveform in one second into 5 parts and convenient for doctor to analyze the waveform.
- Multifunctional digital filter system ,and provides many filtering methods.
- Analyze and distill manifold parameters automatically. Choose and analyze many segments of wave at the same time.
- Partial amplification window ,more accurate measurement of the wave and the measure results can be adjusted manual.
- Several models of BEAM can be displayed in the same screen with brainwave, such as three-dimensional rotary of BEAM 、 power spectrum graph、 numerical BEAM、 compressed spectrum graph and other graphs.
- Professional isolation transformer, dual power supply isolation system and optoelectronic data transmission to ensure security. Use USB interface to transmit data which just need to be inserted. Distance of digital signal transmission is up to a maximum of 30 meters. Patients and doctors can be operated in different rooms and monitoring system is optional.
- Multifunctional flashlight of USB interface, and frequency can be controled manually or automatically.
- The perfect medical records management, convenient for data investigation,looking up patient case and modifying his (or her) information.
- Report with incorporating pictures and text, can edit the text mode.
- Digital synchronic system for video monitoring, recording and replaying. Video system of EEG graph. Long-distance transmission of medical records.
- Optional ambulatory EEG recorder, can analyze the result.
- Option the portable computer to consist the portable EEG.



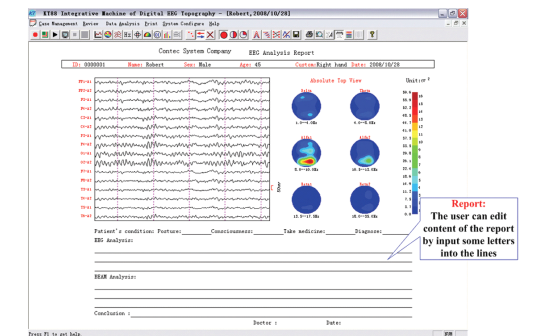
Montage mode



Band division



Gather view



Report

