



# NEUROPRO™ 32/24

Digital EEG & Mapping System

*A Partner in Health · Investing for Growth*

## Features:

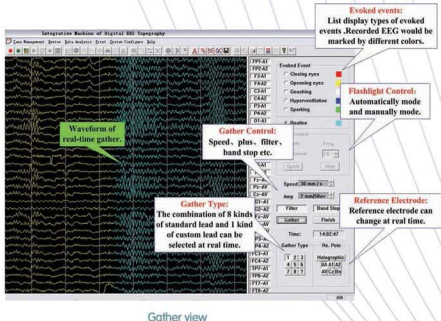
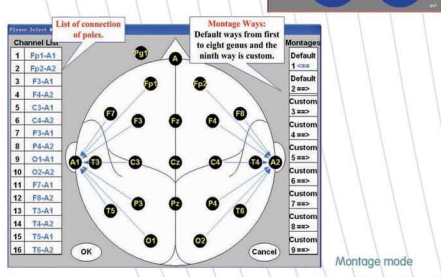
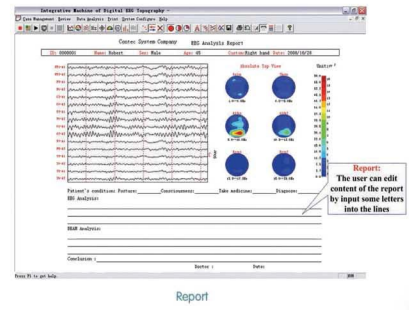
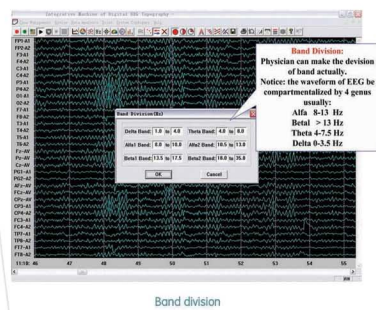
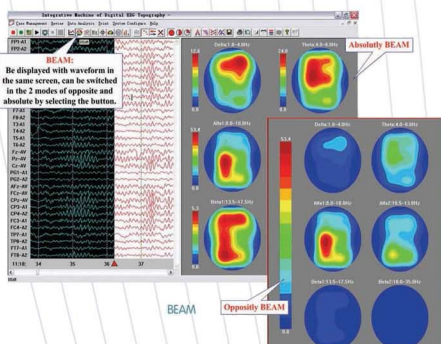
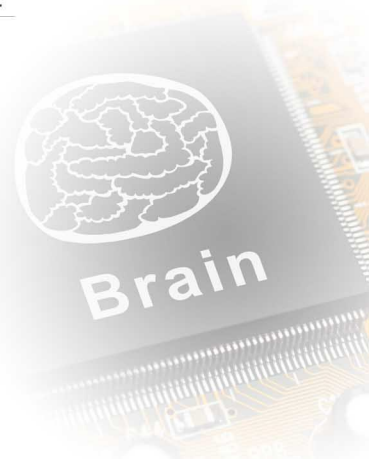
- The NeuroPro™ EEG method of 10/20 electrodes placement under international standard system, montages can be changed during collecting or replaying (such as monopolar, bipolar or user-defined montages).
- Adopts bioelectricity amplifier to obtain brainwave, integrated full-automatic calibration system.
- Powerful playback function: two playback modes (continuous and rolling), amplitude and display speed are adjustable. The special subdividing time line divides the waveform in one second into 5 parts, which is easy for doctors to look over the waveform.
- Multifunctional digital filter system provides different filter methods and window types, and user can freely set low-pass, high-pass, band pass and band stop filter.
- EEG signal clipping function, analyze and store any section of EEG wave, and select several segments waveforms for automatically analyzing and distilling to different parameters.
- Electronic frequency ruler, convenient to measure the basic information of any appointed EEG waveforms. With partial enlarging window, to accurately measure EEG period, amplitude and frequency, and which can be adjusted according to personnel judgment.
- Mark EEG wave under the events of opening eyes, closing eyes and flashing, and user-defined events can be added, waveform color for evoked event can also be set freely with different colors, ensures that the waveform in corresponding time can be rapidly found by event name during case playback.
- Add marks and annotations to the waveform designated, which is convenient in finding the waveform by marks.
- Brain mapping automatic analysis function, can carry through the power spectrum analysis and pathologic wave detection for appointed waveform. Many graphs can be displayed in the same screen, including kinds of BEAM, numerical BEAM, compressed spectrum graph, trend graph, and so on.
- Professional isolation transformer, power supply isolation system and optoelectronic data transmission to ensure security. Use USB interface to transmit data which just need to be inserted.
- Multifunctional flash stimulator of USB interface, and frequency can be controlled manually or automatically. A flash stimulation scheme can be set and performed in the process of collection.
- Perfect case management function, provides many means for research and quick statistic information; convenient case export and import function, and stores with CD-RW disk, which is easy for data research.
- Integrative image and character report, report can be edited in mode and switched to Word document.
- Case files can be transformed into EDF and BDF data format, convenient for data exchange, academic exchange and further analysis.
- System parameters and display modes can be set as required, which meets different user's requirements.
- Optional video function: USB camera is easy to install, convenient to use and exact to record. With flexible playback function, which can browse the waveform of any time along with the corresponding isochronous collected image.





## Technical Specification:

Channel:	NeuroPro 24	NeuroPro 32
Number of channels:	24 channel	32 channel
Sampling rate:	200 Hz	200 Hz
A/D transformation:	12 bits	12 bits
Input impedance:	≥10MΩ	≥10MΩ
Patient leak current:	< 10μA	< 10μA
Noise level:	≤5μVp-p	≤5μVp-p
CMRR:	≥90dB	≥90dB
Magnification multiple:	10000	10000
Filter constant:	free-setting in full digital	free-setting in full digital
Display speed(paper speed):	5, 10, 15, 30, 60, 120 mm/s	5, 10, 15, 30, 60, 120 mm/s
Amplitude:	1, 2, 5, 7, 10, 12, 15, 20mm/50μV	1, 2, 5, 7, 10, 12, 15, 20mm/50μV
Playback speed:	1, 2, 3, 10, 20, 40, 60	1, 2, 3, 10, 20, 40, 60
50Hz interference suppression:	≥30dB	≥30dB
Safety type:	Class II, type BF applied part	Class II, type BF applied part



Corporate Office

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