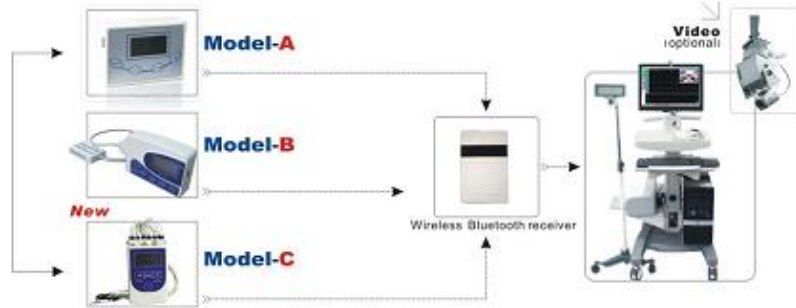




DIGITAL EEG on PC

Digital EEG Model: NeuExpert-EEG



Amplifier

Model A
Channels: 8/16/24/32/64 ;
All-in-one bracket electrode

Model B
Channels: 20/40 ;
Professional Pre-amplifier with shielded single cup/bracket electrode

Model C
Channels: 9/20 ;
8 EEG +1 ECG or 19 EEG +1 ECG, It also can meet clinical requirement for channel configuration :16 channel EEG with central channels.
Shielded single bracket electrode (DIN interface);
With event button on the amplifier, it can mark patient's epilepsy seizure accurately.

Features & Advantages

- ◆ Wireless Bluetooth connection between patients and computer, realize freedom movement for patients, and eliminate interference from AC power supply with wire connection effectively.
- ◆ 6V DC power supply for EEG amplifier eliminates risk of electric shock to patients.
- ◆ EEG amplifier integrated all the function of signal magnification, A/D transform, LCD display and wireless transmission. And it can show one channel waveform (arbitrarily and can be changed); present time, collection time, storage capacity, version information, serial number and battery status.
- ◆ No need to use ground wire, suitable for different examine environment.
- ◆ Modular design, it's easy for transportation and installation, also easy for clinical application.
- ◆ With USB connector, able to select desktop or laptop computer.
- ◆ Able to select intraoperative deep electrode or subdural electrode to process IOM.
- ◆ Video signal and EEG signal can be synchronously collected, edited and quickly displayed with optional Video system.
- ◆ Optional flash stimulator to evoke patient's epilepsy seizure. Flash simulation is in synchronism with EEG waveform acquisition and the frequency and time of flash stimulation can be set arbitrarily.

Accessories



All-in-one bracket electrode cable (for Model-A EEG)

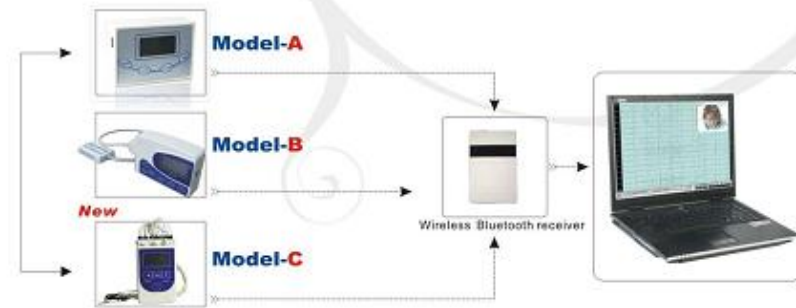


Single bracket electrode cable (for Model-B EEG)



Shielded single bracket electrode cable (for model-C EEG)

Ambulatory EEG Model: NeuExpert-AEEG



Amplifier

Model A
Channels: 8/16/24/32/64 ;
All-in-one cup electrode

Model B
Channels: 20/40 ;
Pre-amplifier with single cup electrode

Model C
Channels: 9/20 ;
8 EEG +1 ECG or 19 EEG +1 ECG, It also can meet clinical requirement for channel configuration :16 channel EEG with central channels.
Shielded single cup electrode (DIN interface);
With event button on the amplifier, it can mark patient's epilepsy seizure accurately.

Features & Advantages

- ◆ Integrated all function of routine EEG, long term EEG monitoring and video monitoring (Optional).
- ◆ 6V DC power supply for EEG Amplifier eliminates risk of electric shock to patients.
- ◆ Professional AEEG amplifier integrated all the function of signal magnification, A/D transform, data storage, LCD display and wireless transmission. And it can show one channel waveform (arbitrarily and can be changed), present time, collection time, storage capacity, version information, serial number and battery status.
- ◆ Real-time waveform display via Wireless Bluetooth transmission, or dynamic record with flash memory card or SD card up to 2G or above, even support up to 72 hours dynamic recording with lithium battery power supply.
- ◆ Fast data uploading capability: The data stored in flash memory card and SD card can be quickly transmitted to desktop through USB 2.0/USB1.1 interface.
- ◆ EEG waveform process during data uploading, including filter, baseline, etc.
- ◆ With USB connection, able to select desktop or laptop computer.
- ◆ Able to select intraoperative deep electrode or subdural electrode to process IOM.
- ◆ Video signal and EEG signal can be synchronously collected, edited and quickly displayed with optional Video system.
- ◆ Optional flash stimulator to evoke patient's epilepsy seizure. Flash simulation is in synchronism with EEG waveform acquisition and the frequency and time of flash stimulation can be set arbitrarily.

Accessories



All-in-one cup electrode cable (for Model-A EEG)



Single Cup electrode cable (for Model-B EEG)



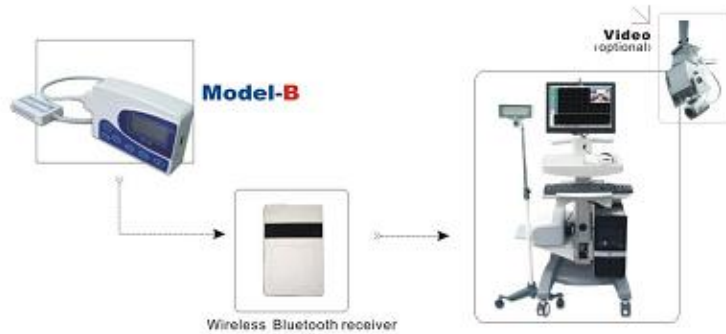
Shielded single cup electrode cable (for Model-C EEG)



DIGITAL EEG on PC

EEG / PSG

Model: NeuExpert-PSG



Amplifier

Model B
Channels: 23/33/53 ;
Pre-amplifier with single cup/bracket electrode;

Features & Advantages:

- ◆ 10-40 channels EEG and 13 channels polysomnography parameters, including: ECG(7 leads), Resp(2 leads), Airflow(1 lead), EOG(2 leads), EMG(1 lead), Snore(1 lead), SPO2(1 lead), Body position
- ◆ Professional EEG/PSG amplifier integrated all the function of signal magnification, A/D transform, data storage, LCD display and wireless transmission. And it can show one channel waveform (arbitrarily and can be changed);
- ◆ present time, collection time, storage capacity, version information, serial number and battery status.
- ◆ Wireless bluetooth transmission for real-time EEG signal acquisition, it enhance the anti-interference ability, no need to use ground wire or other shield measure.
- ◆ Long-term ambulatory Monitoring with plug and play SD card (at least 2G memory); EEG data stored inside the amplifier can quick upload to PC.
- ◆ It's flexible to replace any channel with spare channel on the pre-amplifier
- ◆ Integrated EEG/PSG amplifier with expandable 4-8 channels, for central leads, EOG, sphenoid electrode, etc.
- ◆ Optional video system. Synchronized EEG data and video images acquisition
- ◆ Optional flash stimulator to evoke patient's epilepsy seizure. Flash stimulation is in synchronism with EEG waveform acquisition and the frequency and time of flash stimulation can be set arbitrarily.

Accessories



Single cup electrodes cable



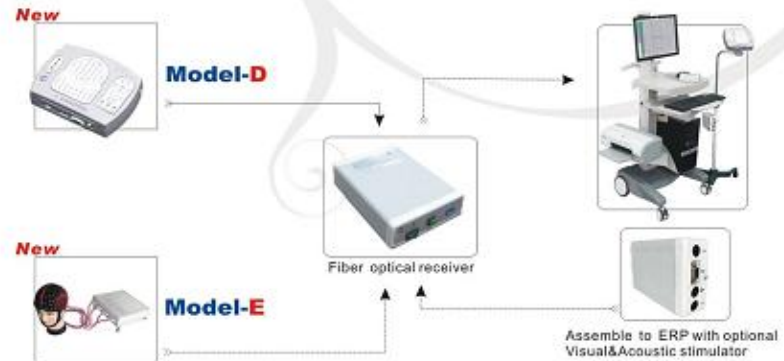
Single bracket electrode cable



Bracket electrode cap

EEG / ERP

Model: NeuExpert-ERP



Amplifier

Model D
Channels: 24/36/48/72;
24bit high accuracy;
Expandable parameters: ECG, RESP, SPO2, SEMG, EOG, etc.

Model E
Channels: 32/64/128;
24bit high accuracy;
Integrated EEG cap for long-term monitoring.

Features & Advantages:

- ◆ Transmission: Fiber optical transmission ; Wireless Bluetooth transmission (optional)
- ◆ It can constitute ERP system (Event related potential) with optional Acoustic & Visual stimulator.
- ◆ 24bit precision, high-speed fiber optical data transmission and AC isolation technique to ensure accuracy and noninterference for data;
- ◆ Convenient impedance testing function can evaluate contact situation of electrodes and patient's scalp.
- ◆ It's high level EEG for clinical and research application widely

Accessories



Shielded single bracket electrode cable (for Model-D EEG)



Integrated monitoring cap (for Model-E EEG)



Headphone for EP function