



Twelve Channel ECG Machine E12

7" Color LCD Big Screen

- Simultaneously 12-Leads Acquisition with interpretation.
- 3/6/12 leads can be set freely for synchronous display, and the waveform size can be adjusted to facilitate observation by medical staff.
- The digital isolation technology is used to suppress the drift of ECG signal, AC filter, EMG filter and heart rate detection by the processor to ensure the authenticity and reliability of the output signal.
- 800*480 resolution LCD display brightness level 1-8 can be adjusted freely, suitable for use in a variety of light conditions.

TECHNICAL SPECIFICATIONS

Features

- Standard 12-Leads.
- 7" Color TFT LCD Display.
- Simultaneously 12-Leads Acquisition.
- Manual/auto 1, 1+1, 3, 6, 12ch display.
- Manual/auto working modes.
- Use digital isolation technology.
- Digital signal processing.
- Baseline stabilization inspection.
- Security type: I type CF.
- Back of the machine: There are 2 keyboard pins to open, more comfortable operation.
- Accessories: Standard adult accessories, optional for children or newborns.
- Baseline stability test, ensure that each time can be printed out neat and beautiful ECG waveform.
- The digital isolation technology is used to suppress the drift of ECG signal, AC filter, EMG filter and heart rate detection by the processor to ensure the authenticity

and reliability of the output signal.

Technical Specification

- Sampling rate: 1000Hz
- Frequency Response: 0.05~ 150Hz
(-3dB)
- Time Constant: $\geq 3.2s$
- CMRR: > 100dB
- Patient Leakage Current: < 10 μA
- Input Mode: floating input
- Input Circuit: < 50 μA
- Noise Level: $\leq 15 \mu V_{p-p}$
- Sensitivity valve: 20 μV
- Polarization Voltage: $\pm 500mV$
- Calibration Voltage: 1mV $\pm 2\%$
- A/D Converter: 14bit.
- Input Impedance: 50 M Ω
- Sensitivity: 1.25,2.5,5,10,20,40mm/mV
 $\pm 2\%$ (6 levels/automatic adjustment)
- Paper Speed: 6.25, 12.5, 25, 50mm/s
 $\pm 3\%$ (4 levels adjustment)
- Paper Size: 215mmx25m, roll paper
- Recording Mode: Thermal array printer
8 dot/mm(Vertical)
40 dot/mm(Horizontal, 25mm/s)
- Filter:
 - AC: 50/60Hz (-20dB)
 - EMG: 25/35Hz (-3dB)
 - Drift: 0.15Hz ~ 0.5Hz

- High Frequency: 70Hz/100Hz/150Hz

Physical Specification

- Dimension & weight
- Equipment:
 - 320mmx255mmx89mm; 3kg(about)
- Package:
 - 390mm x230mm x 306mm; 5.5kg(about)
- Monitor:
 - 7” High-resolution Color LCD Screen
- Electrical Power:
 - AC: 100-220V+10%, 50Hz/60Hz
 - DC: Built-in rechargeable battery, 14.8V
- Data Storage: 20 cases
- Environmental Conditions
- Transportation Temperature: -20°C ~ +50°C
- Relative Humidity: 10% ~ 95%
- Atmospheric Pressure: 700hPa ~ 1060hPa
- Storage Temperature: -20°C ~ +50°C
- Relative Humidity: 10% ~ 95%
- Atmospheric Pressure: 700hPa ~ 1060hPa
- Operation Temperature: +5°C ~ +40°C
- Relative Humidity: 25% ~ 80%
- Atmospheric Pressure: 700hPa ~ 1060hPa

Heart rate: 30-300 BPM $\pm$ 1BPM

Standard Package

- ECG Machine (with battery)
- Patient Cable
- Chest Electrodes
- Limb Electrodes
- Thermal Printing Paper
- Power Cord
- User Manual
- Paper Axis

Certificates

- Quality Standards: ISO9001/ISO13485
- Certificates: CFDA/FSC

Print System

- High resolution hot spot array printing, printing concentration 1-10 level can be set freely, printing waveform and character effect realistic and delicate.
- It is suitable for adult, children and newborn ECG waveform acquisition.
- It has the function of automatic measurement of conventional ECG parameters (more than 200 cases), which can reduce the burden of doctors. Automatic mode and manual mode are available.
- Baseline stability test, ensure that each time can be printed out neat and beautiful ECG waveform.
- Print 215mm thermal paper, which can record clear and accurate 3, 6, 12 uncompressed ECG waveform and lead mark, sensitivity, paper speed, filter, analysis report and other information, which can be used for clinical diagnosis and research.

Keyboard keys

- High quality silicone keypad, long life and good feel.
- Support full keyboard patient information, fast input of hospital name in multiple languages, and quick switching between uppercase and lowercase.

Interface Function

- Input the patient information quickly, you can modify the patient information.
- Support U disk copy data, while supporting the built-in TF card expansion storage, storage data up to tens of thousands of copies.

Optional:trolley



China Care Medical Equipment Co.,Ltd
Adress:Room B101, Zhongbang Business Building, PuXing
Road No. 87, Tianhe, Guangzhou,
Chinaweb:www.chinacaremedical.com