

Twelve Channel ECG Machine E12

TECHNICAL SPECIFICATIONS		
Features	- Noise Level: ≤ 15μVp-p - Sensitivity valve: 20μV - Polarization Voltage: ±500mV - Calibration Voltage: 1mV ±2% - A/D Converter: 14bit. - Input Impedance: 50 MΩ - Sensitivity: 1.25,2.5,5,10,20,40mm/mV ±2%(6 levels/automatic adjustment) - Paper Speed: 6.25, 12.5, 25, 50mm/s ± 3% (4 levels adjustment) - Paper Size: 215mm×25m, 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	- Transportation Temperature: -20℃ ~ +50℃ - Relative Humidity: 10% ~ 95% - Atmospheric Pressure: 700hPa ~ 1060hPa - Storage Temperature: -20℃ ~ +50℃ - Relative Humidity: 10% ~ 95% - Atmospheric Pressure: 700hPa ~ 1060hPa - Operation Temperature: +5℃ ~ +40℃ - Relative Humidity: 25% ~ 80% - Atmospheric Pressure: 700hPa ~ 1060hPa
Technical Specification	- Sampling rate: 1000Hz - Frequency Response: 0.05~ 150Hz (-3dB) - Time Constant: ≥ 3.2s - CMRR: > 100dB - Patient Leakage Current: < 10μA - Input Mode: floating input - Input Circuit: < 50μA	- Dimension & weight - Equipment: 320mm×255mm×89mm; 3kg(about) - Package: 390mm ×230mm × 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
	Standard Package	Certificates
	- ECG Machine (with battery) - Patient Cable - Chest Electrodes - Limb Electrodes - Thermal Printing Paper - Power Cord - User Manual - Paper Axis	- Quality Standards: ISO9001/ISO13485 - Certificates: CFDA/FSC

NOTE: The specifications are subject to changes without prior notice.



Front



Back



Side



Accessories



12 Channel ECG Machine

Invisible handle for more comfortable use

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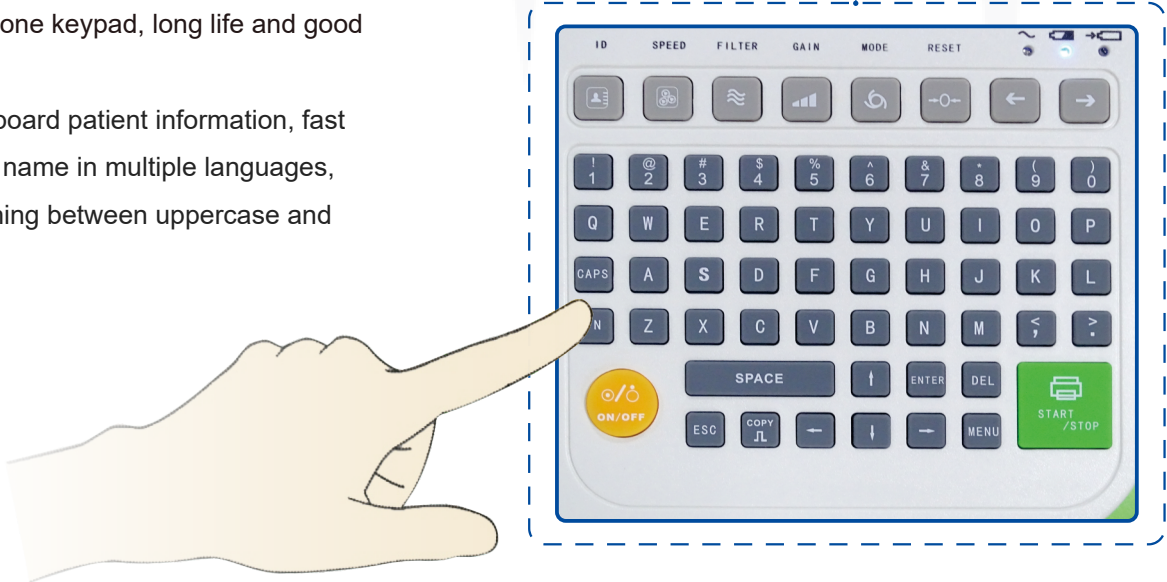
7" Color LCD Big Screen

- 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.



Keyboard keys

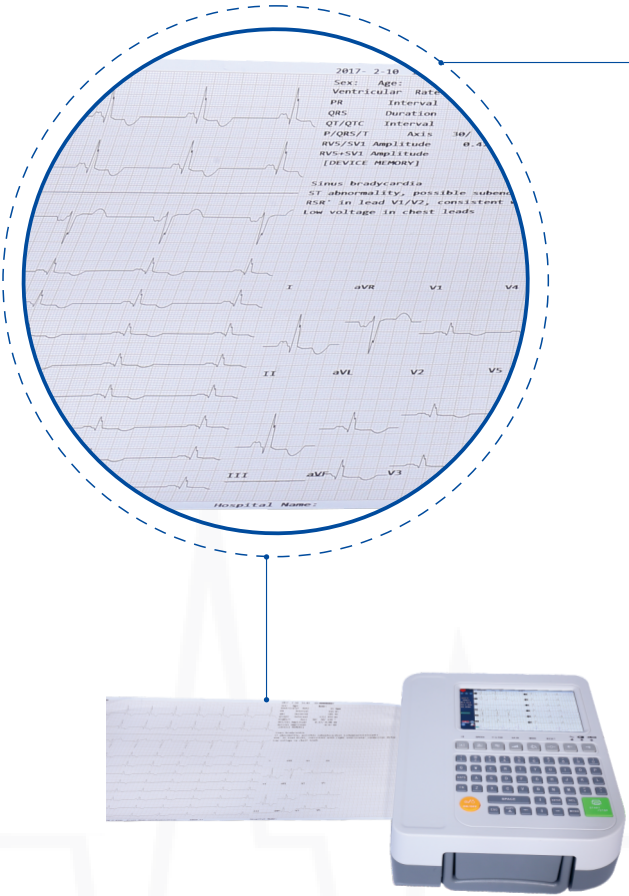
- High quality silicone keypad, long life and good feel.
- Support full keyboard patient information, fast input of hospital name in multiple languages, and quick switching between uppercase and lowercase.



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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.



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.



Trolley