ECG-8212

12 Channel ECG Recorder With Interpretation

Product Description

General introduction of 12channel ecg machine:

ECG-8212 is a twelve channel digital ECG Instrument featuring simultaneous 12-lead signal acquisition. Its features include high-resolution thermal array printing system, high performance single-chip computer and large memory capacity. The advanced features make it ideal for the ECG examination in clinic and hospitals.

1. Portable delicate design, big color LCD to display

2. Accurate pulse pace identification and excellent auto-interpretation function

3. High accuracy digital filter, auto baseline adjustment

4. 12 leads synchronously acquisition and display;

5. Working modes: Manual / Auto / Analysis / Storage

6. 1024 x 600 graphic 10.1" color LCD to display detailed ECG information

7. Built-in rechargeable Li-ion battery

8. 216mm*20m roll, high resolution thermal paper

9. Language : English, Chinese

ECG-8212 Specification	
LCD display	Backlit high resolution 1024 x 600 10 inch display 12 channel ECG waveform simultaneously, Time, Heart-rate. etc
Safety	IEC, Class I, type CF
Leads	12 STANDARD or CABRERA leads
Input circuit	Floating, Defibrillation protection
Patient Current Leakage	<10uA
Input circuit current	≤0.1μA
CMRR	>100dB
Noise Level	≤15μVp-p
Calibration Voltage	1mV±2%
Print Channels	12 channels, Rhythm lead selectable
Printing Output	3+3 channel; 6 channel; 6+1 channel; 12 channel; 12+1 channel
Operation Mode	automatic, manual, single channel 60s compressed record, Rhythm analysis (R-R histogram and trend chart)
Thermal paper	216mm*20M thermal paper in Z-fold packers or in rolls
Printing speed	5; 6.25; 10; 12.5; 25; 50mm/s ± 3%
Printing system	Thermal printer; ≥8dot/mm(Vertical), ≥40 dot/mm (Horizontal),printing speed at 25mm/s
Recording sensitivity	1.25,2.5,5,10,20,40mm/mV±2%
Input dynamics	±500 mV
Input impedance	≥50Mohm
Power Supply	220V±10%, 50Hz±2%, 75VA 14.8V 4400mA Li-poly rechargeable battery pack (DC)
Frequency response	0.05 to 150 Hz
Time constant	≥3.2s
Data acquisition	12 bits; 1000 samples/sec per channel when printing, filtering and computing
Fuse Specification	Φ5x20mm 3.15A 250V
Patient Cable	standard 10 core
Report storage	200 reports in built-in memory, support external SD cardreport presentation, review and re-printing.
Indicator	Lead-off detection
Filter	Muscle filter: (25Hz/35Hz/45Hz/75Hz/100Hz,-3dB) AC filter: (50Hz or 60Hz, -20dB) Drift filter: (0.5Hz,-3dB)
Machine weight	3.9kg
Gross weight	6.4kg
Carton size	44*41*24CM(1pc)