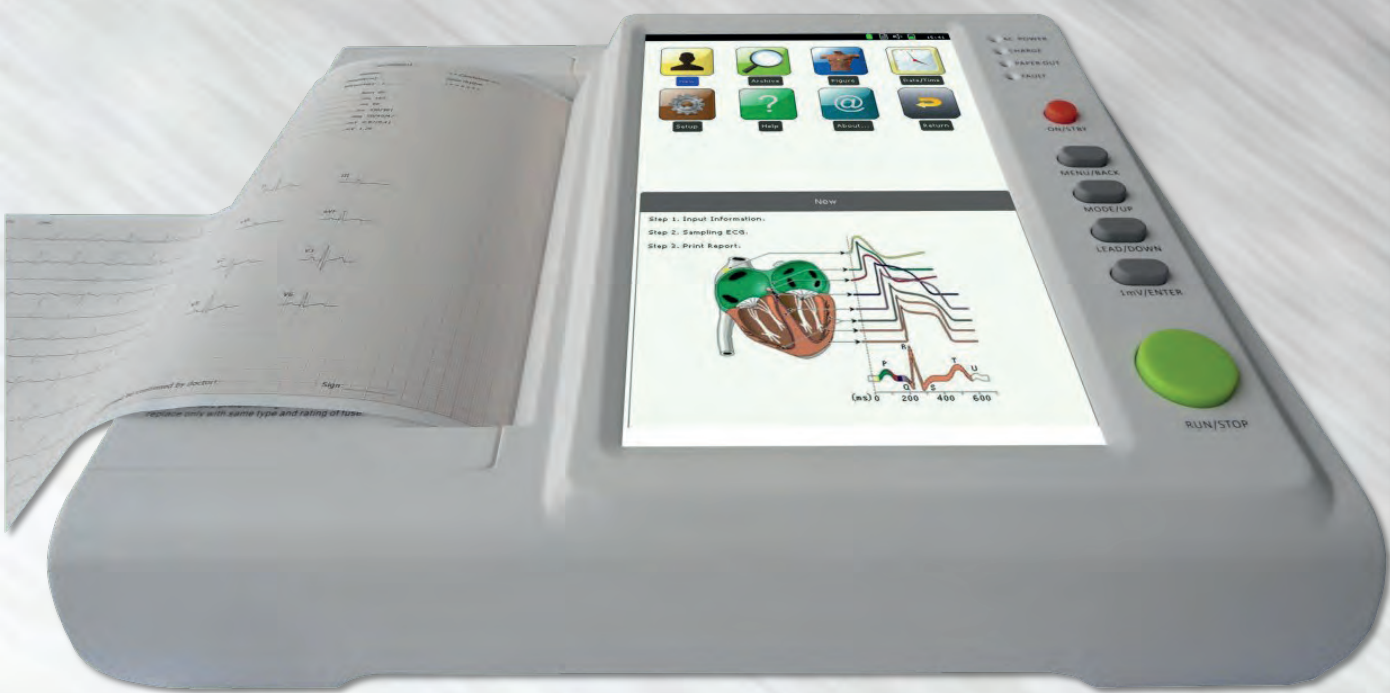




ES-EC1210

12 Channel ECG



CARDIOLOGY



ES-EC1210

12 Channel ECG



- 10.2" Color Screen
- Touch Operation
- USB & SD Memory
- PC Review & Print



Touch Mode



One Key Operation



Quick Input



Unlimited Storage



Simple Review



Convenient Setting

- Simultaneously acquisition of 12 lead, full screen display of 12 channel ECG waveforms.
- 10.2" color touch-screen, both push-button and touch operation.
- Defibrillation protection and Pacemaker detection.
- Sensitive filters of ADS, HUM, and EMG.
- Automatic measurement, calculation, analysis, waveform freezing. Auto-analyze and auto-diagnostic can reduce doctor's burden and improve working efficiency.
- Automatic adjustment of baseline for optimal recording.
- Thermal printer with 216mm print paper, synchronization print.
- Lead off & lack off paper detection function.
- Built-in rechargeable Li-ion battery (14.8V/4000mAh), AC/DC power conversion.
- Adapt to 100-240V, 50/60Hz AC power supply
- Historical data and patient's information can be reviewed and printed.
- Support USB flash disk, stored reports can be saved, opened, analyzed in PC.
- The machine can store over 400 ECG reports inside.
- Connect with PC via ECG workstation software by USB or RS232. LAN can be chosen.
- Sleep mode to save energy and extend LCD life.
- The device can record real-time 12 leads ECG waveform continually. The remark includes: lead sign, sensitivity, paper speed, filter state, etc.
- Portable design with hidden handle, convenient to carry.
- 7 level printing thick can be chosen.

Technical Features

CMRR	100dB, with AC Filter
Input circuit	Floating
Input circuit current	0.1 μ A
Resolution	12bit/1000Hz
Operation mode	Manual/Auto/Rhythm
Threshold	20 μ V
DFG Filter	0.05/0.1/0.2/0.5Hz
Sensitivity	5, 10, 20 mm/mV
Input Impedance	>50M Ω
Fuse	T1.6A 250V \varnothing 5x20
Machine Size	365x306x109mm

Calibrating voltage	1mV \pm 3%
Voltage tolerance	\pm 500mV
Time constant	> 3.2s
Frequent response	0.05Hz~500Hz
Noise level	15 μ Vp-p
EMG Filter	25Hz/35Hz/45Hz/OFF
Low pass Filter	150Hz/100Hz/70Hz
Paper speed	12.5, 25, 50mm/s (\pm 2%)
Patient current leakage	\leq 10 μ A
Recorder	High resolution thermal printer
Battery	Built-in rechargeable Li-ion battery 14.8V(4000mAh)



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