

# Esonic

FOR YOUR HEALTH  
FOR YOUR FUTURE

# ECG-1200A



## Feature

- \* 10 inch Touch Screen Color LCD Display
- \* 12 leads simultaneous acquisition and display on the ECG Screen
- \* Multiple operation mode Auto/Manual/Arrhythmia analysis mode
- \* 210mm thermal paper recording with a rhythm lead
- \* ECG reports with auto interpretation
- \* Digital filter elimination of muscles tremors and baseline drift
- \* Built-in rechargeable Li-poly battery with 3 hours continuous printing
- \* Built-in memory for 250 reports
- \* Built-in USB/RS232 interface
- \* Adapt to 110-230V, 50/60Hz AC power supply

## Technical Specification

Lead	12 leads, Standard or Cabrera, 12 leads simultaneously acquisition
Input circuit	Floatingm Delfibrillation protection
LCD display	10 inch color touch screen LCD display ECG waveform, operation conditions, Time, Heart rate etc
Safety	IEC class I, type CF
Sampling rate	8000 samples/Sec
Input dynamics	±500mV
Operation Mode	Automatic, manual, single channel 60s compressed record, Rhythm analysis (R-R histogram and trend chart)
Filter	AC (50Hz or 60Hz, -20dB) EMG (25Hz/35Hz/45Hz/75Hz/100Hz, -3dB) Drift (0.5Hz, -3dB)
CMRR	>100dB (with AC filter)
Input circuit current	≤0.1 uA
Input Impedance	≥50Mohm
Time constant	≥3.2 Sec
Frequency Response	0.05-150Hz, -3dB
Noise Level	≤15uVp-p
Sensitivity	1.25; 2.5; 10; 20, 40mm/mV±2%
Calibration Voltage	1mV±2%
patient Current Leakage	<10uA
Protection	Protect from defrillation and pace-making
Printing System	Thermal printer, ≥8 dot/mm(Vertical), ≥40 dot/mm (Horizontal), printing speed at 25mm/s
Printing Speed	5; 6.25; 10; 12.5; 50mm/s±3%
Printing Output	3/2 channel; 3/2+1 channel; 3/3channel; 3/3+1channel
Paper size	210mm*20m roll type
Patient Cable	Standard 10 core
Report Storage	200 reports in built-in memory report presentation, review and re-printing
Indicator	Lead-off detection
Power Supply	11.1V 1800mA, Li-poly rechargeable battery pack (DC) 220V±10%, 50Hz±2%, 75VA (AC)
Fuse Specification	2O5x20mm 3.15A 250V
Machine Dimension	285 (W)*200(D)*55mm(H)