

Esonic

FOR YOUR HEALTH FOR YOUR FUTURE

ECG-303A



Feature

- * 4.3inch 480*272 color display;80mm*20m roll type thermal paper
- * 12-lead ECG simultaneous acquisition and display on the ECG screen
- * Multiple Operation models: Manual/Auto/Rhythm analysis
- * 3-lead recording with a rhythm lead
- * Digital filters to eliminate EMG/AC interference and prevent baseline drift.
- * Lead-off detection
- * Built-in rechargeable 1800mAh Li-ion battery, 2 hours continuous working
- * 110-230V,50/60Hz AC power supply
- * 200 patient reports save/replay
- * Built-in USB/RS232 interface..

Technical Specification

Lead	12 leads, Standard or Cabrera, 12 leads simultaneously acquisition
Input circuit	Floatingm Delfibrillation protection
LCD display	4.3 inch 480*272 Color 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	80mm*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)