

DIGITAL 12-CHANNEL ELECTROCARDIOGRAPH



- Compact in size, easy and direct operation, portable
- Multiple operation modes : Manual/Auto/Arrhythmia Analysis Modes
- 12-lead ECG simultaneous acquisition
- 800 x 480 graphic 7 inch color screen (only for 12-C)
- 1024 x 600 graphic 10 inch color touch screen (only for 12-T)
- 215mm, 12 channel format recording
- Adapt to 110-230V, 50/60Hz AC power supply
- Built-in rechargeable Li-ion battery, 2 hours continuous working
- 250 patients information storage
- Built in USB/RS232 interface
- High accuracy thermal printing, adapt to 215mm roll paper

TECHNICAL SPECIFICATIONS

Lead acquisition	: 12bit/1000Hz (synchronously 12 leads)
Work mode	: Manual/Auto/1-channel 60s compressed record/Rhythm analysis
Filter	: Muscle filter: (25Hz/35Hz/45Hz/75Hz/100Hz,-3dB) AC filter: (50Hz or 60Hz, -20dB) Drift filter: (0.5Hz,-3dB)
CMRR	: ≥ 100 dB (with AC Filter)
Input circuit	: Floating; Protection circuit against Defibrillator effect
Input impedance	: $\geq 50M\Omega$
Input circuit current	: $\leq 0.05\mu A$
Patient current leakage	: $\leq 10\mu A$
Calibrating voltage	: $1mV\pm 2\%$
Voltage tolerance	: $\geq \pm 500mV$
Time constant	: $\geq 3.2s$
Frequency response	: 0.05~150Hz (-3db)
Noise level	: $< 15\mu Vp-p$
Inter-channel interference	: $\leq 0.5mm$
Sensitivity	: 1.25, 2.5, 5, 10, 20, 40mm/mV
Recording mode	: 3+3ch, 6ch, 6+1ch, 12ch, 12+1ch
Paper speed	: 5, 6.25, 10, 12.5, 25, 50mm/s ($\pm 3\%$)
Paper	: 216mm x 20m roll paper
Communication	: RS232 / USB port
Power supply	: AC 110-230V ($\pm 10\%$), 50/60HZ (± 1 Hz), 60VA DC Built-in rechargeable battery, 14.8V (4400mAh)
Weight	: 3.9Kg
Box Dimension	: 440mm x 410mm x 240mm