




Rhythm 12

Digital Electrocardiograph

Features

- 7.0-inch high resolution Colour LCD screen with tilting.
- Built-in rechargeable lithium battery for up to 3 hours of continuous work.
- Automatic Measurement & Interpretation, tested by CSE / AHA / MIT database ensures analysis accuracy.
- Arrhythmia detection, Up to 300 seconds R-R analysis in 1 or 3 rhythm leads for easier in arrhythmia diagnosis.
- Pacemaker detection : Weak, Normal, Enhance.
- Shortcut keys to simplify the doctor's operation.

Technical Specifications

ECG:	
Input circuit	Floating circuit input
Lead	Standard 12 leads
Acquisition mode	Simultaneous standard 12-lead acquisition
A/D converter	24 bit
Sampling rate	1,000 samples/s
Input CIR current	≤0.1μA
Input impedance	>2.5 MΩ
Patient leakage current	<10 μA
Time constant	≥3.2 s
Frequency response	0.05 Hz~250 Hz
Noise level	<15 μVp-p
Sensitivity	(1.25, 2.5, 5, 10, 20, 40, 10/5, 20/10) mm/mV, Auto Gain
Calibration voltage	1mV ± 5 %
CMRR	>89dB
Polarization voltage	± 550 mV
Filter setting	AC Filter, Baseline Wander filter, EMG filter
Recording Mode	Automatic / Manual / Rhythm.
Rhythm analysis	Single rhythm mode: 30-300 seconds, Three rhythm mode: 30-100 seconds
ECG Storage:	
Local Memory	3000 ECGs
ECG Recorder:	
Recorder	High Resolution thermal array printer
Paper speed	(5, 6.25, 10, 12.5, 25, 50) mm/s
Recording mode	3CH, 3+1CH, 6CH, 6+1CH, 12CH
Recording paper	210mm×140mm, z-fold paper
Others:	
Display type	7.0 inch TFT Colour LCD
Interfaces	USB, LAN
Power supply	100V~240V, 50Hz/60Hz, 70VA, Rechargeable Li-ion battery, 14.8V 2200mAh
Dimensions(L x W x H)	360 mm×325 mm×86 mm
Weight	About 6.6 kg
Standard Configuration:	
	Rhythm 12 main unit
	ECG Cable
	Chest Electrodes
	Limb Electrodes
	Thermal Z fold Paper
Options:	
	ECG management software
	Trolley
	8 GB SD card

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