




Rhythm 3

Digital Electrocardiograph

Features

- 5.0-inch high resolution Colour LCD screen.
- 12-lead simultaneous acquisition.
- Complete digital filters and self-adapting filtering.
- Automatic Measurement & Interpretation with latest Minnesota code, tested by CSE / AHA / MIT database ensures analysis accuracy.
- Up to 300 seconds of rhythm analysis for better in arrhythmia diagnosis.
- 3 report formats: simple report, median beat report and manual report.
- “One-touch” functional shortcut keys.
- Massive local storage capacity up to 1500 files.
- Built-in rechargeable lithium battery for Aprox. 3Hr continuous work.
- About 1.3kg , light in weight.
- Peripheral ports: USB, LAN port.

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	<12.5 μVp-p
Sensitivity	(0.625, 1.25, 2.5, 5, 10, 20, 40, 10/5, 20/10) mm/mV, Auto Gain
Calibration voltage	1mV ± 3 %
CMRR	>115dB
Polarization voltage	± 550 mV
Filter setting	AC Filter, Low-pass filter, High-pass filter
Recording Mode	Automatic / Manual / Rhythm.
Rhythm analysis	Single Rhythm mode: 30-300 seconds

ECG Storage:

Local Memory	1500 ECGs
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ECG Recorder:

Recorder	High Resolution thermal array printer
Paper speed	(5, 6.25, 10, 12.5, 25, 50) mm/s
Recording mode	1CH, 1+1CH, 3CH, 3+1CH
Recording paper	80 mm, roll paper

Others:

Display type	5 inch High Resolution colour TFT LCD
Interfaces	USB, LAN
Power supply	100 V~240 V, 50 Hz /60 Hz, Rechargeable lithium battery, approx. 3 hours for continuous operation, 11.1 V 2600mAh
Dimensions(L x W x H)	281 mm x 191 mm x 59 mm
Weight	About 1.5 kg

Standard Configuration:

Rhythm 3 main unit
ECG Cable
Chest Electrodes
Limb Electrodes
Paper Roll

Options:

ECG Management Software
Trolley
Barcode Scanner

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