



ECG-1103G

Digital Three-Channel ECG



Electrocardiograph

Features

- 5-inch colorful touch screen, easy to operate.
- Can be powered by AC power supply or a built-in rechargeable lithium battery.
- Support 6, 9 and 12-lead automatic ECG acquisition, display and heart rate detection.
- Support 3 working modes: auto, manual, and R-R.
- Provide 4 sampling modes: per-sampling, real-time sampling, periodic sampling and trigger sampling.
- Support automatic pacing detection and marking.
- Support suppression of baseline drift and EMG (electrocardiograph) interference.
- Support freezing the ECG waveform on the current screen.
- Output files in multiple formats, such as DAT, XML, JPEG, PDF, HI7.
- The device can store up to 1500 files.
- Auto-saving function: save the ECG data when the report is printed.
- Store, preview, export, upload, print and search patient data.
- Support transmission of ECG data via wired or Wi-Fi network.

CE 0123



LEPU MEDICAL
CAREWELL

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Basic Specification

Leads	12 standard leads
Sampling rate	Max. 8000 points / sec per channel
A/D conversion	24 bits
Time constant	5 s
common mode rejection ratio (cMRR)	140 dB (Ac filter on, common mode point voltage 450Vp-p) 120 dB (Ac filter off)
Frequency response	0.01 Hz – 350 Hz $\begin{matrix} +0.4\text{dB} \\ -0.3\text{dB} \end{matrix}$ 10Hz
Sensitivity	Auto, 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, 10/5mm/mV, 20/10mm/mV Accuracy: $\pm 5\%$
Paper speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s and 50mm/s Accuracy: $\pm 3\%$ (0.2s - 2.0s)
Filter	Ac filter: 50Hz, 60Hz, Off ADS filter: 0.01Hz, 0.05Hz, 0.32Hz, 0.67Hz EMG filter: 25Hz, 35Hz, 45Hz, OFF Lowpass filter: 75Hz, 100Hz, 150Hz, 300Hz, OFF
Input impedance	100 M Ω (10Hz)
calibration voltage	1mV $\pm 2\%$
Depolarization voltage	± 900 mV, $\pm 5\%$
Input circuit current	≤ 10 nA
Input voltage range	± 5 mVp-p

Print System

Recording method	Thermal sensitive dot matrix record
Paper Width	Rolled paper: 80mm
Speed	Auto/Manual mode: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s R-R mode: 25mm/s Accuracy: $\pm 3\%$

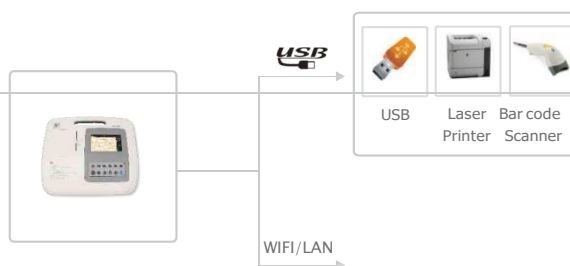
Power Supply

Mains supply	Rated voltage: 100-240V~ Rated frequency: 50Hz/60Hz
Built-in rechargeable lithium-ion battery	Rated voltage: 14.4V Rated capacity: 4400mAh Run time: ≥ 8 hours (not including printing).

Size&Weight

Dimensions	345mm \times 300mm \times 80mm
Net Weight	About 2.5kg (without battery and recording paper)
Display	5 inches,color LCD touch screen; resolution: 800 \times 480 pixels

Data Transmission



ZITRON MEDICOM SYSTEM (001321633-M)

MEDICAL EQUIPMENTS SUPPLIES & SERVICES

Suite 3-6, Lower Level 3, Tower 1, B4, The Horizon Annexe, Avenue 7, Bangsar South City, No. 8, Jalan Kerinchi, 59200 Kuala Lumpur.

TEL: +603 7499 3971 H/P: +6012 653 7892 Email: rameshzitron@yahoo.com