

# ECG-101

Digital Single Channel Electrocardiograph





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### Specifications

Input Circuit	Protect the instrument from tilting and possible vibration or shock
Patient Leads	Standard 12 leads manual/auto
Patient Current Leakage	<10 μ A
Input Impedance	>50M Ω
Calibrating Voltage	1mV±5%
A/D Conversion	13 bit
Frequency Response	0.05~150Hz
Time Constant	>3.2s
CMRR	>80dB >100dB(with AC filter)
EMG Filter	35Hz(-3dB)/25Hz(-3dB)
Sensitivity Selection	5、10、20mm/mV, conversion tolerance±5%
Recording System	Thermal-array printing system
Paper Speed	25、50mm/s±5%
Recording Paper	Thermal printing paper roll 50mm×20m
Input Circuit Current	≤50nA
Output Impedance	<100 Ω
Safety Standard	IEC I/CF with protecting circuit for vibration or shock
Power Supply	AC: 220/110V,50/60Hz,15VA DC: 12V rechargeable battery
Depolarization Voltage	±300mV
Baseline Control	Auto-adjustable
Noise Level	≤15 μ Vp-p
Dimensions	(L×W×H)310mm×230mm×70mm
Dimensions of Packing	(L×W×H)410mm×280mm×200mm
Net Weight	2.69kg
Gross Weight	4.65kg

### Feature:

- High resolution thermal printing array system.
- High frequency response reach to 150Hz.
- Capable of printing continuous one channel trace and annotations including lead mark and such parameters as sensitivity, paper speed, and filter operation status.
- High resolution digital filter inhibits baseline drift without distorting ECG wave-form.
- One-touch operation able to enhance efficiency and relieve operating strain.
- Concept of floating input circuit meets IEC safety standard.
- Visual status due to light indicated touch-keys.
- Rechargeable battery supporting more than 50 patient examinations.
- Power off automatically after 5 minutes non-operation
- Under the automatic mode pressing key MODE continuously can keep recording when abnormal lead is found.

Inner handhold



Standard Accessories

