



Experience the Trace Quality



Happier Living Everyday

SINGLE CHANNEL ECG RECORDER **CARDIART GenX1**



ECG Analysis & Interpretation

Gender, age & race specific advanced ECG analysis & interpretation - The Glasgow ECG Interpretation Algorithm



Large character LCD display

Dual row, cool blue, large character LCD Display with adjustable contrast.



PC Interface

Interfaces with PC using optional Rt-View software



HRV assessment

Equipped with with Short term HRV assessment



Thermal printer

58 mm wide paper for clear trace prints.



Short Recharge Time

Rechargeable lithium battery with fast charge feature for energy efficient operation



Ergonomic Design

Enhanced portability with built-in power supply & integral handle



Soft Silicone Keypad

Soft silicone keys for ease of operation



Multiple Operating Modes

Auto & manual modes with selectable rhythm option



Internal record storage

Stores up to 20 records internally



**Enhanced ECG diagnosis
made possible with
superior trace quality**

Product Specifications

Power supply	100 to 240VAC; 50 / 60 Hz
Power Consumption	Less than 40VA
Battery Capacity	Auto Mode: 200 ECG's in 1 channel format @25 mm/sec, 10mm/mV, 2.5 s, Normal trace & Interpretation - OFF
Mains protection	Fuse: T2A 250 V
Battery Protection	In built PCM Module
Battery Charging time	Approximately 3 hours from total discharge (Unit off)
ECG Acquisition	12 bits; 1000 samples/sec/channel;
ADC Resolution	2.55 μ V/LSB
Input Dynamics	DC offset: \pm 300mV; AC Differential: \pm 5mV in the pass band
ECG Leads	Standard 12 leads or Cabrera; Acquired 8 leads & Reconstructed 4 leads (Lead III, Lead aVR, Lead aVL, Lead aVF)
Recording sensitivity	Manual: 2.5mm/mV,5mm/mV,10mm/mV, 20mm/mV \pm 5% Auto: dependent on the signal strength, Optimizes automatically to 2.5mm/mV,5mm/mV,10mm/mV, 20mm/mV \pm 5%
Input Impedance	Greater than 10 M Ω @ 10 Hz
Frequency Response	0.05 Hz to 150 Hz (-3dB) without Mains /Muscle and ADF Filters.
ECG Analysis & Interpretation	Gender, Age & Race specific Advanced ECG Analysis & Interpretation - University of Glasgow in auto mode
ECG analysis sampling rate	500 samples/second (sps)
Filters	Mains interference/Muscle filter: Linear phase digital 50Hz Notch filter with selectable 32Hz. Anti-drift filter : Selectable Digital 0.5Hz Anti Drift High pass linear phase filter
Display	Large, 16 x 2, Blue, Alphanumeric Display
Keyboard	Silicone Rubber keypad
Paper transport speed	5 mm/sec or 12.5 mm/sec or 25mm/sec or 50 mm/sec
Print formats	Manual: 1 Ch. Auto: 1 Ch, 1 Ch + 1 Rhythm with selectable print durations of 2.5 secs. / 5 secs. / 10 secs.
PC connectivity	ECG transfer to PC through Rt-VIEW SOFTWARE(Optional)
Operating Temperature	+10 to +40 $^{\circ}$ C
Relative Humidity	Upto 95% RH non-condensing.
Safety Classification	Class I with internal power supply
Degree of protection	Type CF
Dimension	Approx. 300mm x 260mm x 80 mm (length x width x height)
Weight	Approx. 2 Kgs.

CERTIFIED ISO 13485 : 2016 COMPANY

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