



Experience the Trace Quality



Happier Living Everyday

SINGLE CHANNEL ECG RECORDER **CARDIART 6108T**



Single Channel ECG Recording

Enables the recording of all leads sequentially



Ergonomic Design

The compact, light weight and portable design ensures ease of use



Automatic and Manual Recording Modes

Manual mode enables the acquisition and printing of ECG recording in real time. Simultaneous acquisition is possible with automatic mode



Last Memorised ECG Recording

Ensures the storage of last recording in the memory



Thermal Printing

Allows the printing of ECG on 50 mm paper using a high-resolution thermal print



Power Supply

Comes with dual power supply – mains and rechargeable internal battery



Built-in Rechargeable Battery

Enables mains independent operations and provides battery use after charging



Enhanced ECG diagnosis made possible with superior trace quality

Product Specifications

Power Supply	
Power Supply Range	230V ± 10%
Power Consumption	Less than 12W
Battery	Internal rechargeable NiMh 9.6V, 1500 mAh
Battery Capacity	3 Hours in single channel mode (With a fully charged battery 200 complete ECG's are possible in auto mode)
Battery Charging Indicator	Yes
Battery Low Indication	Yes
Recharging Time	Approximately 14 Hours 100%
Mains Protection	Fuse: T 0.1 A
Battery Protection	Polymer resettable fuse
Environmental	
Operating Temperature	10-40°C
Relative Humidity	25% to 95% RH, non-condensing
Safety Standard	Compliance to Class II, Type CF as per IEC 60601-1
Others	
Dimension	270mm x 180mm x 60mm (length x width x height)
Weight	< 1.3Kgs.
ECG	
ECG Acquisition	10 bits; 500 samples/sec
ECG Leads	12 Leads
Recording Sensitivity	Manual mode: 2.5 - 5 -10 - 20 mm/mV ± 5% Auto mode: Dependent on the signal strength Optimizes automatically to 2.5 -5 -10 - 20mm/mV ±5%

Filters	Mains interference/ muscle filter: Linear Phase Digital 50 Hz Notch Filter with linear phase selectable 25 or 32 Hz,-3dB response Anti-Drift Filter: Digital 0.5 Hz, anti-drift high pass linear phase filter always on and cannot be switched off
Signal Memory	10 Seconds for each lead in auto mode
Operating Modes	Manual - acquisition and printing in real time Auto - simultaneous acquisition
Parameter Calculation	Yes, in auto mode (selectable)
Keyboard	Tactile keypad with 9 function keys and 25 LED function indicators
Input Dynamics	± 300mV @ 0 Hz; ± 5mV in the pass band
Input Impedance	>10 Mohms @ 10 Hz
Frequency Response	0.5 Hz to 150 Hz (-3dB) without Mains/ muscle filters.
Time Constant	3.2 seconds
CMRR	>90dB @ 50Hz
Applied Part	Type CF
DF Protection	Internal
Printer	
Recording System	Thermal Printer, 8 dots/ 56 mm usable print width
Thermal Paper	In rolls: Height 50mm, Length 20m, gridded
Print Channel	1
Paper Transport Speed	25 or 50 mm/sec
Standard Accessories	
Patient Cable	1 no.
Limb Electrodes	4 nos.
Paper Roll	1 no.
Battery Charger	1 no.
Chest Electrodes	6 nos.
Gel Bottle	1 no.
User Manual	1 no.

CERTIFIED ISO 13485 : 2016 COMPANY

BPL MEDICAL TECHNOLOGIES PRIVATE LIMITED
 Regd. Office: 11th KM, Bannerghatta Road,
 Arakere, Bangalore - 560076, India.
 Ph: +91 80 26484388/ 2648 4350
 Toll Free: 1800-4252355
 Website: www.bplmedicaltechnologies.com
 For Enquiries: sales.medical@bpl.in
 CIN: U33110KA2012PTC067282



THE ECONOMIC TIMES



Happier Living Everyday