

**BPL
TECHNOLOGY
FOR LIFE**



Believe in the Best



BPL CARDIART 6108T

- Single channel ECG Recording
- Last memorised ECG recording and additional copies available
- Automatic and manual recording modes
- Dual Power Supply: Mains & Battery operation
- Built-in rechargeable battery
- Thermal printing on 50 mm paper
- Compact design, light weight & portable

SINGLE-CHANNEL CARDIAC ANALYSER

CARDIART 6108T

A16317



ISO 13485:2003
ISO 9001:2000

BPL Limited

TECHNICAL SPECIFICATIONS

GENERAL	POWER SUPPLY			
	Power supply range	AC 230 V \pm 10%		
	Power consumption	Less than 12 W		
	Battery	Rechargeable NiMH 9.6 V, 1500 mAh battery (Built-in)		
	Battery Capacity	3 Hours in single channel mode (With a fully charged battery 200 complete ECGs are possible in auto mode with single channel print format)		
	Battery charging indicator	Yes		
	Battery low indication	Yes		
	Recharging time	Approximately 14 Hours for 100% charging		
	Mains protection	Fuse: T 0.1 A		
	Internal power supply	Fuse-miniature, 4A, Time-lag, T-Protection		
Battery protection	Polymer resettable fuse			
ENVIRONMENTAL				
Operating Temperature	10 to 40 deg. C			
Relative Humidity	25 to 90% non condensing			
STANDARDS				
Safety Standard	Compliance to Class II Type CF , IEC 60601 – 1 , IEC 60601 – 2 – 25			
EMC	IEC 60601 – 1- 2			
OTHERS				
Dimension	270 (L) x 180 (H) x 60 (D) mm			
Weight	< 1.5 Kgs			
ECG	ECG Acquisition	10 bits; 500 samples / sec		
	ECG Leads	Standard 12 leads; Acquired 8 leads; Reconstructed 4 leads (III, aVR, aVL, aVF) with lead indication		
	Recording sensitivity	Manual mode: 2.5 - 5 -10 - 20 mm/mv \pm 5% Auto mode: Dependent on the signal strength, Optimises automatically to 2.5 - 5 - 10 - 20mm/mV \pm 5%		
	Filters	Mains interference / Muscle filter Linear phase digital 50 Hz Notch filter with, linear Phase selectable 25 or 35 Hz - 3 dB response Anti drift filter Digital 0.5Hz Anti Drift High pass linear phase filter always inserted 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	\pm 300 mV @ 0 Hz; \pm 5 mV in the pass band		
	Input Impedance	> 100 Mohms		
	Frequency Response	0.5 Hz to 150 Hz (- 3dB) without Mains / Muscle Filters		
	Time constant	> 3.2 seconds		
	CMRR	> 90 dB @ 50 Hz		
DF Protection	Internal			
PRINTER	Recording system	Thermal printer, 8 dots / mm; 48 mm usable print width		
	Thermal Paper	In rolls: Height 50 mm, Length 20 m, gridded		
	Print channel	1		
Paper transport speed	25 or 50 mm / sec			
STANDARD ACCESSORIES	Patient cable	1 no.	Chest electrodes	6 nos.
	Limb electrodes	4 nos.	Gel bottle	1 no.
	Paper roll	1 no.	User manual	1 no.
	Battery charger	1 no.		

* Due to constant upgradation, specifications & features subject to change without prior notice.

Your nearest BPL Channel Partner address

Marketing Office :

BPL Limited - Health Management Solutions Division

BPL Towers, 13, Kasturba Road, Bangalore - 560 001. India.

Toll Free No: 1800-4252355

Ph: + 91-80-22270134 / 22223355

Fax: + 91-80-22275641

Email: sales.healthcare@bpl.in

www.bpl.in/healthcare

