



*Happier Living Everyday*



### **BPL CARDIART 9108**

- Simultaneous 12 Channel ECG Recording with 12 lead simultaneous acquisition
- 5.7" High Resolution Foldable Screen
- QWERTY Alphanumeric keyboard
- Built-in ECG Parameters measurements and Interpretation
- Print Mode: Pre-Sample/Real-Time Sample/Arrhythmia Triggered Sample
- Up to 100 ECGs in Internal Memory
- Supports External Archiving: USB Drive for virtually unlimited ECG Data Storage
- Built-in Rechargeable Lithium ion Battery
- Data transmission to PC (Optional)

CE 0120



MULTI-CHANNEL ECG RECORDER

# CARDIART 9108

## TECHNICAL SPECIFICATIONS

<b>GENERAL</b>	Display	320 x 240 dot single colour LCD Input > 100K $\Omega$ , Sensitivity 10mm/V $\pm$ 5%		
	External Input / Output	Output < 100 $\Omega$ , sensitivity 1V/mV $\pm$ 5%		
	Communication Interface	Ethernet, RS 232, USB		
	Dimension	420 mm x 330 mm x 105 mm		
<b>ECG</b>	Input Circuit	Floating Input circuit protection from defibrillation & Pace maker		
	Lead	Standard 12 leads		
	Acquisition Mode	12 leads simultaneously		
	A/D Converter	24 bits		
	Input Voltage Range	$\pm$ 5mVp-p		
	Times Constant	>3.2 seconds		
	Frequency Response	0.05Hz - 150 Hz		
	Calibration Voltage	1 mV $\pm$ 2%		
	Sensitivity	2.5, 5, 10, 20,10/5, AGC (mm/mV)		
	Sampling Frequency	1000 Hz		
	Input Impedence	$\geq$ 50 M $\Omega$ (10Hz)		
	Input Circuit Current	< 50m A		
	Noise Level	<12.5 $\mu$ Vp-p		
	Anti Baseline Drift	Automatic		
	Patient Leakage Current	<10 $\mu$ A (220V-240V)		
	Patient Auxillary Current	<0.1 $\mu$ A (DC)		
	Filter	EMG filter 25 Hz / 35Hz / 45Hz /OFF		
DFT filter 0.05 / 0.15 / 0.25 / 0.5Hz				
Lowpass filter 150Hz / 100Hz /75Hz AC filter 50Hz / 60 Hz				
CMRR	$\geq$ 115dB			
Safety Standard	IEC I/ CF			
<b>POWER SUPPLY</b>	AC mains	100V-240 VAC, 50Hz/60Hz,70 VAC		
	Battery	Built-in rechargeable 14.8V Li-Ion battery		
	Battery Life	100 patient recordings		
<b>PRINTER</b>	Recorder	Thermal Printer		
	Record paper	A4 Size Z Fold or 210 mm Roll		
	Operating modes:			
	Manual	3, 6 and 12		
	Auto	Off, 3x4, 3x4+1R, 3x4+3R, 6x2, 6x2+1R, 6x2 Adjust, 12 x 1		
	Rhythm	Single Lead and Three Lead		
	R-R mode analysis	R-R Histogram & R-R Trend		
Record speed (mm / sec.)	5, 10, 12.5, 25, 50 ( $\pm$ 3%)			
<b>ENVIRONMENTAL</b>	Temperature	0°C - 45°C, <80% RH,		
	Pressure	86 Kpa - 106 Kpa		
<b>STANDARD ACCESSORIES</b>	Patient cable	1no.	Cardi-Jelly bottle	1 no.
	Chest electrode	6 nos.	Paper roll	1 no. (Z fold)
	Limb electrode	4 nos.	User manual	1 no.
	Power cord	1 no.		

\* BPL Medical Technologies Private Limited reserves the right to make changes in product features, specifications, aesthetics and / or to discontinue the same at any time without notice or obligation.

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