

# TECHNICAL SPECIFICATIONS

<b>GENERAL</b>	<b>DISPLAY</b>	Resolution	Monochrome 320X240 pixels LCD screen		
	<b>POWER SUPPLY</b>	Power supply range	AC 100V-115v /220V-240 V ± 10%,50-60 Hz		
		Power consumption	35VA		
		Battery	Rechargeable Lithium Battery (2200mAH)		
		Battery Capacity	3 Hours in single channel mode (With a fully charged battery 200 complete ECGs are possible in auto mode with three channel print format)		
		Battery charging indicator	Yes		
		Battery low indication	Yes		
		Recharging time	Approximately 14 Hours for 100% charging		
		Mains protection	Fuse: T200 mA, European Standard		
	<b>ENVIRONMENTAL</b>	Operating Temperature	5 to 40 deg. C		
		Relative Humidity	25 to 80% non condensing		
	<b>STANDARDS</b>	Safety Standard	Compliant to Class I type CF, IEC-60601-1 & 60601-2-25 Standards		
		EMC	IEC-60601-1-2		
	<b>OTHERS</b>	Dimension	300 (L) x 260 (H) x 75 (D) mm		
		Weight	< 2.5 Kgs		
<b>ECG</b>	ECG Acquisition	12 bits; 1000 samples / sec/chl			
	ECG Leads	Standard 12 leads; Acquired 12leads;			
	Recording sensitivity	Manual mode: 2.5 - 5 -10 - 20 mm/mV ± 5% Auto mode: Dependent on the signal strength, Optimises automatically to 2.5 - 5 - 10 - 20mm/mV ± 5%			
	Filters	Mains interference/ Muscle filter 25/35 /45Hz / OFF- 3 dB Anti drift filter Digital 0.05/0.15/0.25/0.5Hz			
	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 LED function indicators			
	Input Dynamics	± 500 mV @ 0 Hz; ± 5 mV in the pass band			
	Input Impedance	> 50 Mohms			
	Frequency Response	0.05 Hz to 150 Hz (- 3dB) without Mains / Muscle Filters			
	Time constant	> 3.2 seconds			
	CMRR	> 110 dB @ 50 Hz			
	DF Protection	Internal			
	<b>PRINTER</b>	Recording system	Thermal dot matrix printer, 72 mm usable print width		
Thermal Paper		In rolls: Height 80 mm, Length 20 m, gridded			
Recording Paper Roll		80mm x 20m			
Print channel		3			
Paper transport speed		5/ 6.25/ 10/ 12.5/ 25 / 50 mm / sec ( ±3% )			
USB Port		Select HP Printer only			
<b>STANDARD ACCESSORIES</b>	Patient cable	1 no.	Chest electrodes	6 nos.	
	Limb electrodes	4 nos.	Gel bottle	1 no.	
	Paper roll	1 no.	User manual	1 no.	
	Accessory bag	1 no			

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

Your nearest BPL Channel Partner address

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