

# ECG 100C

Your search for...  
truly portable ECG machine...  
ends here.



- All functions accessible through seven button keypad
- Bright LEDs indicate important functions and settings
- Equipped with "TISA" - True Interpretation Sensitivity Algorithm
- Detailed Interpretation package
- Personalized tracings with user's name (User editable)
- 4 or 6 channel print format
- Excellent recording quality with its high resolution printer
- Quantitative analysis of the tracings
- Simultaneous 12 lead acquisition
- Compact and portable
- Link to PC (Optional)
- Simple operation (Get report with single key press)
- Attractive Bag for transport ease

## Specifications

Leads	Standard / Cabrera
CMRR	> 90 dB
Input Impedance	> 100 M on each electrode
Dynamic Range	± 4.25 mV
Frequency Response	0.05 - 150 Hz (-3dB) without filters
Time Constant	3.2 Seconds
A/D Conversion	12 bits, 12 leads simultaneous acquisition.
Sampling Rate	1600 samples/ sec/ channel
Paper Speed	5, 25, 50 mm/sec
Printing Paper	106 mm wide thermal paper in 20 m roll
Sensitivity	5,10, 20 mm/ mV
Filters	Complete digital processing to reduce mains interference, muscle tremors and base line wander.
Memory	10 seconds for all 12 leads. Multiple patients (Optional).
Operating Modes	Manual/ auto.
Defibrillation Protection	Internal at apparatus.
Pace maker detection	> ± 2 mV/ > 0.1 ms
Print out	4/6 channel options
Flexible reporting	Reports of stored ECG can be copies for print with new selection of filters, speed and sensitivity.
Serial Interface	RS232 PC interface for data management and ECG viewing/ reporting (ECG PC link software optional)
LED Indicators	Mains connected, low battery, no paper, loose electrode
Weight	1.5 kgs. with battery
Dimensions (mm)	216 (L) x 147 (W) x 61 (H)
Battery	6V, 3.3 AH Sealed lead battery. Can give more than 50 ECG recordings on a single charge.
Recharging Time	12 Hrs for fully discharged battery.

## Operating Environment

Temperature	0 to 45°C
Humidity	5 to 95% RH (non-condensing)
Storage Temperature	0 to 55°C

## Standard Accessories

Patient cable	1 No.
Gel bottle	1 No.
Paper rolls	2 Nos.
Limb electrodes	4 Nos.
Chest electrodes	6 Nos.
Adapter	1 No.
Carry bag	1 No.
User's manual	1 No.

## Optional Accessories

- Rechargeable battery
- Pediatric electrodes



4/6 Ch ECG Report with Average Complexes, Quantitative Analysis and complete Interpretation

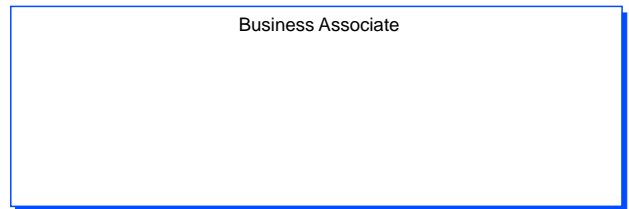
## ClarityMed Series of Cardio & ICU Products

- Single Channel and Two Channels ECG Machine
- Pulse Oxymeter OxyPlus 240ST
- 5 Parameters **Color** / Mono Patient Monitors
- 7 Parameters **Color** TFT Patient Monitors
- 7 Parameters **Color** TFT/ CRT Modular Patient Monitors
- Central Monitoring System

### Contact Numbers (Marketing)

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Orrisa	+91 93378 69100
Punjab	+91 93163 41109
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### Business Associate



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\* Specifications are subject to change without prior notice.