



We Truly **MAKE IN INDIA**
All Modules indigenous.

Clarity

Clarity of thought..... spearheading diagnostic technology



ECG 100D-3Ch

CMECG-03

CE₁₀₂₃

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)
- 3 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

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Specifications

General

Size	216mm (L) x 147mm(w) x 61 (H)
Weight	< 820 g
Paper	106 mm wide thermal paper in 20mm roll
LED Indicators	Mains connected, low battery, No Paper, loose electrode
Memory	10 seconds for all 12 leads. Multiple patients (Optional)

PC Communication

Serial Interface	RS 232 interface for data management and ECG viewing/reporting (ECG PC link software optional)
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Electrical

Battery	7.4V- 2.2Ah Li-ion can give more than 50 ECG recordings on a single charge
Recharge Time	3 to 4 hours for fully discharged battery
Power Supply	12 V, 1 A DC Adapter

ECG

Leads	Standard/ Cabrera
CMRR	> 90 dB
Input impedance	> 10 MΩ on each electrode
Dynamic Range	± 4.25mV
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
Sensitivity	5, 10, 20 mm/mV
Filters	Complete digital processing to reduce mains interference, muscle tremors & base line wander
Operating Modes	Manual/Auto
Defibrillation protection	Internal at apparatus

Pace maker detection	≥ ± 2mV/≥ 0.1 ms
Printout	3 Channel options
Flexible reporting	Reports of stored ECG can be copied for print with new Selection of filters, speed and sensitivity.

Operating Environment

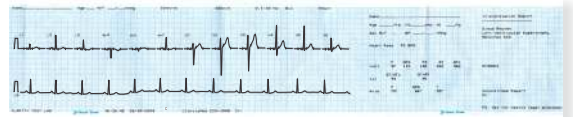
Temperature	: 0 to 45°C
Humidity	: 5 to 95% RH, non-condensing.
Storage	: -25 to 70°C

Standard Accessories

Patient cable	1 No.
Gel bottle	1 No.
Paper roll	2 Nos.
Limb electrodes	4 Nos.
Chest electrodes	6 Nos.
Adapter	1 No.
Carry bag	1 No.
Instruction manual	1 No.

Optional Accessories

Rechargeable battery
Pediatric electrodes



3 Ch ECG Report with Average Complexes, Quantitative Analysis and complete Interpretation

Clarity series of Neuro, Cardio & ICU Products

- 4/6 channels ECG machine ECG 100C
- Single Channel and Two Channels ECG Machines ECG 50-1Ch and ECG 50-2Ch
- Pulse Oxymeter OxyPlus 240ST
- 5 Parameters Color / TFT Patient Monitors **Radiant P5**
- 24, 32, 40 Channels EEG Machine
- 2, 4, 8 Channels EMG/NCV/EP' **EMG Octopus** Machine
- 7 Parameters Color TFT Patient Monitors **Spectra SLIM, Spectra SMART**
- 7 Parameters Color TFT/ CRT Modular Patient Monitors **Prism Modular**
- Central Monitoring System
- Spirometer 'SpiroTech'
- TMT 'TrueST', PC ECG 'Clarity ECG' Machine
- Portable 2Ch-NCS/EMG/EP's **EasyTrace** Machine

Business Associate

CE 1023



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* Specifications are subject to change without prior notice.