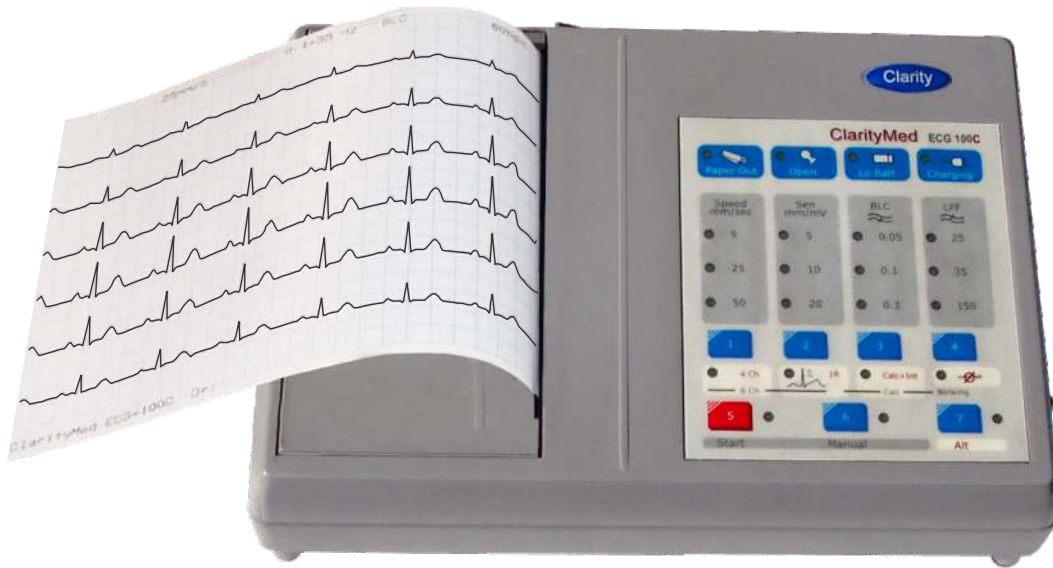




We Truly **MAKE IN INDIA**
All Modules indigenous.



Clarity of thought..... spearheading diagnostic technology



ECG 100 C

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)
- 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

ECG 100 C

CMECG-03

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) |
|------------------|--|

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 | : $\geq \pm 2mV/\geq 0.1 ms$ |
| Printout | : 4/6 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 |



4/6 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 EMG/NCV/EP's **EasyTrace** Machine

Business Associate

CE 1023



Clarity Medical Pvt. Ltd.

R&D / Mfg.: Plot No. 1687-A, JLPL Industrial Park,
Sector 82, Mohali -140306 (Punjab) INDIA
Mobile No.: +91 9115003576-79, 99157 16391
Phone No.: +91 172 3243800
Website : www.clarity-medical.com
Email ID : sales@clarity-medical.com
helpdesk@clarity-medical.com

* Specifications are subject to change without prior notice.

Ref. No.: MKT/CAT/723/11 Rev. No.: 04 Rev. Date: 11.12.2015