



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

Clarity

Clarity of thought..... spearheading diagnostic technology



TrueBeat 100-G

CMECG-06

CE 0123

Your search for truly portable display ECG machine ends here.

- 3.5" Colour TFT display with Touch Screen
- All functions accessible through keypad
- Equipped with "TISA"-True Interpretation Sensitivity Algorithm
- Detailed Interpretation package
- Personalized tracings with user's name (user editable)
- 4 Channel Print Format
- Quantitative analysis of the tracings
- Simultaneous 12 lead acquisition
- Compact and portable
- Link to PC (Optional)
- Simple operation (Get report with single key press)
- Patient Storage memory upto 200 patient
- Excellent printing quality with its high resolution printer
- Copy Facility

TrueBeat 100-G

CMECG-06

Specifications

General

Size	: 216 mm (L) x 147 mm (w) x 61 (H)
Weight	: 800 gram
Paper	: 106 mm wide thermal paper in 20M Roll
LED Indicators	: Mains connected, low battery, No paper, Loose electrode
Memory	: 10 seconds for all 12 leads. Multiple patients (Optional)

Display

Screen Type	: Color TFT with Touch Screen
Display Area	: 3.5 inch wide
Resolution	: 320x240 Pixels

PC Communication

Serial Interface	: USB 2.0 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 100 ECG recordings on a single charge
Recharge Time	: 3-4 hours for fully discharged battery
Power Supply	: 9V, 3A DC Adapter

ECG

Leads	: Standard Cabrera
CMRR	: >110 dB
Input impedance	: >10MΩ on each electrode
Dynamic Range	: ± 8mV
Frequency Response	: 0.05-150 Hz (-3dB) without filters
Time Constant	: 3.2 Seconds
A/D Conversion	: 24 bits, 12 leads simultaneous acquisition
Paper Speed	: 5, 6.25, 12.5, 25, 50 mm/sec

Sampling Rate	: 1600 samples/second (sps), Saved at 400 Samples/second
Sensitivity	: 5, 10, 20 mm/mV
Filters	: Complete digital processing to reduce mains interference muscle tremors and base line wander
Operating Modes	: Manual/Auto
Defibrillation protection	: Internal at apparatus
Pace maker detection	: $\geq \pm 2\text{mV} \geq 0.1 \text{ ms}$
Printout	: 3 Channel
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	: -5 to 70° C

* Ordering information

TrueBeat 100 F/G/H (PC Communication+Interpretation)

- TrueBeat 100 G - 4 Ch Printout, Memory Storage

* Optional as per order

- PC Communication

Clarity Range Products

Cardiology:

- **ECG:** ECG-1Ch / 2Ch / 3Ch / 4Ch / 6Ch / 12Ch A-4 (With Display)
- **TMT:** True ST (USB Powered) / Bluetooth (Battery Powered)
- **Patient Monitor:** Spectra Slim+(10.4") / Smart+(12.1") / Radiant(7") (ECG, SPO2, Respiration, Temperature, NIBP, 2,4 Ch IBP, EtCo2), Oxyplus 240ST

Neurology:

- **EEG:** BrainTech Traveler - 24Ch / 32 / 32+ / 40+
- **NCS/EP's/EMG :** EasyTrace-2Ch NCS/EP's / EMG Octopus 2Ch / 4Ch / 8Ch NCS/EP's/EMG / EcoChg

Audiology / Pulmonology : ERG, BERA, Spirometer

CE 0123



Clarity Medical Pvt. Ltd.

* Specifications are subject to change without prior notice.

EC REP

Mr. Odd Sandbekkhang
Infiniwell AS Anton Bergs
Vei 38, 7099 Flatasen Norway
Tel.: +47 46923967
e-mail: odd@infiniwell.ai

Available at:

XAVIER MED PVT. LTD.
1-10-51/2, Road 6B, Dwarakapuram,
Dilsukhnagar, Hyderabad - 500060
www.buyxavier.com

**Customer Care: 8008895680,
Service: 8008895079**