



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

Clarity

Clarity of thought..... spearheading diagnostic technology



TrueBeat 100

CMECG-06

CE₁₀₂₃

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)
- 3/4/6 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

* All channels are as per order

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Specifications

General

Size	: 216 mm (L) x 147 mm (w) x 61 (H)
Weight	: 800 gram
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)

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)
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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	: $\pm 4.25\text{mV}$
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	: 400 samples/sec/channel
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	: 3/4/6 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	: -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

* Ordering information

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

- TrueBeat 100 F - 3 Ch Printout, Memory Storage
- TrueBeat 100 G - 4 Ch Printout, Memory Storage
- TrueBeat 100 H - 6 Ch Printout, Memory Storage

* Optional as per order

- PC Communication

Clarity Range of Products

- Patient Monitoring
- Spirometer
- EEG 24, 32, 40 Channels Machine
- TMT
- ECG
- Pulse Oximeter
- NCV / EMG / EP

Business Associate

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Specifications are subject to change without prior notice.

Ref. No.: MKT/CAT/723/31 Rev. No.: 00 Issue Date : 04.01.2016