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All Modules indigenous.



Technology For Life



TrueBeat 100

CE 1023

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

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

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 | : 3/4/6 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

Range of Products

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



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