



Saraswati Scientific Surgicals™

An ISO 9001-2015 Certified Company

Plot No 91-92, New Vivek Vihar, Opposite Ranjit Nagar, Ambala City Haryana
5409, Punjabi Mohalla, Nicholson Road Ambala Cantt -133001

Email; saraswatiscientificsurgicals@gmail.com
09416975978, 7837173522, 7015193143, 0171-2530092, 08901095987

ECG Machine 6 – Channel



Specification

General

Size : 340x320x85
Weight : 3.2 Kg
Paper : 106 mm wide thermal paper in 20 mm roll
LED Indicators : Main 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

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.



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Battery : 7.4V 2.2Ah Li-on
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 : > 110dB

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 : 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

- 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)
- 6 Channel Print Format
- Quantitative analysis of the tracings

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 - 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

- 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

Weight of Box in Kg	Length	Breath	Height
3.2	340	320	85