



Vital Wave

Portable Biphasic Defibrillator



Features

- 7" colour TFT display
- Easy energy selection upto 270joules
- Less than 8seconds for full charge 270joules
- More than 50 shocks on full charge battery
- Event trend and storage upto 24 HRS
- ECG acquisition via paddles & cable
- Upgradable to spo2 & NIBP

Technical Specifications

Measuring Parameters

Channel	2Channel
Electrode	3/ 5 Leads
ECG Acquisition	Patient Cable and Paddles
Display	2 Waveforms with HR and Joules selected
Lead	Lead I, II, III, aVR, aVL, aVF, V
Gain Selection	5/10/15/20 mm/mv
Sweep Speed	12.5, 25 or 50 mm/sec
Heart rate range	30-240 bpm
Heart Rate Accuracy	+2 bpm
Frequency Response	0.05 to 40 Hz
CMRR	>100 dB
Input Impedance	>100 M Ohms

Recorder

Type	High Resolution thermal array recorder
Printing Speed	25 mm/sec
Printer Paper Size	57 mm x 20 Mtr.
Details on print	HR, ECG w/f along with energy delivery, Date, Time, Patient Details (ID, name, age, sex), Joules selected, Sweep speed and Gain



Display

Type	Color TFT display
Size	7" Diagonally
Resolution	800x 480 Pixels

Electrical

Power Input	AC 230 V, 50 Hz
Battery Rating	14.8 V / 4400 mAh, Li-Polymer
Charging Time	8 Hours
Operating Time	40-50 shocks (270 joules) or more than 3 Hours monitoring without printing

General

Weight	5.4 Kg
Dimensions	403 (L) X 152 (H) X 324 (W) mm
Working temperature and humidity	0-40 deg. cel. & up to 90% non condensing



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