



MAESTROS  
ELECTRONICS



# Vital Wave

## Portable Biphasic Defibrillator



## Features

- 7" colour TFT display
- Easy energy selection upto 270 joules
- Less than 8 seconds for full charge 270 joules
- 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	2 Channel
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	800 x 480 Pixels

## Electrical

Power Input	AC 230V, 50 Hz
Battery Rating	14.8V / 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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