

Pages 1 / 1	Specifications Product : Sanjeevani 1002	
-----------------------	---	---

1. General

Display : 7 inch colour TFT
 Display area : 150 mm x 90 mm
 Dimensions : H240 x W 230 x D200 mm (Max) without Paddle
 Weight : Approx-5.0 Kgs

2. Power Supply

AC mains through adaptor
 Input : 150 - 270 VAC, 50 Hz, 1 Ø
 Output : 17 @ 4 A.
 Battery : 11.1 V 4Ah Lithium-ion Rechargeable
 Back-up time : 3 hours min. on full charge in ECG mode
 70-100 shock of 150 Joules deliveries (Full charge).
 Power consumption : 30 Watts (max.) in ECG mode

3. Environmental

Operating Temp. : -5°C to +50 °C
 Humidity : up to 95 % non-condensing

4. Defib

Operating Mode : Manual
 Waveform : Biphasic
 Energy : 2 to 200 joules in 12 steps selection
 Synchronous Cardio Version : Energy delivery begins within 60 ms of the QRS Peak
 Charging Time : Less than 8 seconds
 Paddle Assembly : External paddle assembly with coil retractable high voltage cable. Adults & Pediatric paddle integrated to same handle
 Check Mode : Manual test mode
 Operation : By front panel keyboard and through Encoder, Unit ON-OFF by front panel push button

5. ECG

Frequency response : 0.5 Hz to 35 Hz
 Patient isolation : Optical isolation
 Lead selection : Lead I, II and III
 Gain setting : 0.5, 1.0 and 2.0
 CMRR : > 90 db
 Sweep Speed : 12.5, 25.0, 50.0 mm/sec
 Waveform 1 : ECG
 Waveform 2 : 4sec delayed (cascaded)
 Digital filter : Digital signal processing for good quality of ECG
 Freeze mode : To freeze last 4 seconds ECG

6. Heart Rate

Range : 10 – 250 BPM
 Accuracy : +/- 2 BPM
 Resolution : 1 BPM
 Tone : Beep on every QRS detected
 Low alarm limit range : 10 – 250 (step of 1)
 High alarm limit range : 10 – 250 (step of 1).

* Due to our continuous product improvement programme, features can be enhanced.