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General

Display : 7 inch colour TFT
 Display area : 150 mm x 90 mm
 Dimensions : H180 x W 230 x D210 mm (Max) without Paddle
 Weight : Approx-5.0 Kgs
 Unit ON-OFF : By front panel push button
 Operation : By front Panel keyboard, Encoder
 Alarm : User adjustable high & low limit, Audible and visual alarming
 Trend : 24 hrs Graphical and Tabular trend of ECG, SpO2, NIBP
 Charge/ Discharge : Charge and Shock buttons on front panel and paddles.
 Control

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

Environmental

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

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

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

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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).

Printer

Paper Type : Thermal paper 50/55mm width, 20 meters length for 2 inch printer
Event Printing : Prints 5 Seconds pre & post ECG with Date, Time, Energy and mode, Shock Status
ECG in Defib Mode : Prints last 10sec ECG through paddle
Print Annotates in Defib Mode: Time, Date, Mode, lead name, gain, sweep speed
ECG in Monitor Mode : Prints last 10 ECG through cable
Print Annotates in Monitor Mode: Time, Date, selected Lead name, Gain, Sweep speed
Manual Defib Check Mode: Prints the status of Shock, Energy, Date and Time

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