



STT1

Key Features

- ✓ Plethysmograph on high-resolution bright LCD display.
- ✓ In-built rechargeable battery
- ✓ Portable & easy to carry.
- ✓ Parameters- SpO2%, Plethysmograph & Pulse rate.
- ✓ work at low perfusion and Very good performance at high Pulse Rate.
- ✓ Ungradable to ECG or NIBP

STT1



Dimension and Weight

Dimensions : L230 x W 200 x H185 mm.

Weight : 2.7 Kg (approx.)

Environmental

Operating Temp : -5 °C to +50 °C

Operating & Storage : up to 95 % non-condensing Humidity

Performance

Display : 800 x 480 pixels, 7" Colour display

Language : English

Alarm : User-Adjustable high limit and low limit, Audible and visual alarming

Control

Front Panel : LEDs for Mains, Batt.

Keys : Power ON/OFF, Home, QRS beep, Alarm ON/OFF

Rear panel : DC input jack socket, Fuse

Encoder : Rapid access to all the functions & setting of parameter through single knob

Power Supply

Input : 150 - 260 VAC, 50 Hz, 1 Ø.

Output : 18V DC @ 1.2 A.

Battery : 12 V (1.2 AH sealed lead acid)

Back-up time : 2-3 Hrs full charges

Power consumption : < 10 Watts

Charging Time : 18hrs approximately for fully discharged battery

SpO2

Parameter : SpO2%, PR, Bargraph, Perfusion index

Probe : Adult, Pediatric, Neonate

Range : 50 to 100%

Accuracy : 70 to 100 +/-2%, 50 to 69 +/-3%

Resolution : 1 %

High alarm limit range: 55 – 100 %

Low alarm limit range : 50 - 100%

Indication : Finger absent, Searching pulse

Trend : 24hrs Graphical and Tabular of SpO2 & PR.

Pitch variation change with oxygen saturation

Pulse Rate

Range : 10 – 250 BPM

Accuracy : +/- 2 BPM

Resolution : 1 BPM

Printer (Optional)

Paper Type : Thermal (50mm width x 20 mts. length)

DUE TO OUR CONTINUOUS PRODUCT DEVELOPMENT PROGRAM, THE SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.

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