

TECHNICAL SPECIFICATIONS

Physical Characteristics and Printer

Dimension & Weight	250 x 210 x 170mm (W x H x D), Approx. 3.2kg 3kg with standard included
Printer (Optional)	50mm thermal printer with 2channels
Paper speed	25.0 mm/s and 50.0 mm/s
Display	7" LCD TFT / resolution 800 X 480 pixel with 3 waveforms

Electrical

Power Requirements	AC100 ~ 240Vac, 50/60Hz, 63~110VA / DC power input 11~15V
Battery	Selections of 2, 4, or 6 hours of rechargeable Li-ion battery options

ECG

Measurement Range	30 BPM to 300 BPM
Accuracy	± 1 BPM or $\pm 1\%$ whichever is greater
Leads	3 / 5 Lead, detected automatically Lead I, II, III, aVR, aVL, aVF, Chest (V) Lead
Display Sweep Speeds	12.5 mm/sec, 25.0 mm/sec, and 50.0 mm/sec

Respiration rate

Method	RA to LA Impedance
Range	0, 3 to 120 breaths/min
Accuracy	± 3 breaths/min
Display Sweep Speeds	6.25mm/s, 12.5mm/s, 25.0mm/s

NIBP

Pulse Rate Range	Adult/Pediatric 40 BPM to 200 BPM Neonatal 40 BPM to 240 BPM
Pulse Rate Accuracy	± 2 BPM or $\pm 2\%$, whichever is greater
Technique	Oscillometric Measurement
Operation Mode	Manual, Auto, Continuous
Pressure Display Range	Adult/pediatric : 0 - 300 mmHg, Neonatal : 0 - 150mmHg

SpO2

MEDIANA SpO2 (Standard)

Range	0 - 100%
Accuracy	Adult/Pediatric/Neonate accuracy 70 - 100 ± 2 digits
Pulse Rate	30 - 300 BPM with resolution 1 bpm
Display Sweep Speeds	12.5mm/s, 25.0mm/s, 50mm/s
Nellcor OXIMAX	optional

Temperature

Probe Type	Skin or Rectal probes are optional
No. of Channel	1 channel
Range	0°C to 50°C / 32°F to 122°F selectable

Trends

Types	Graphical and Tabular
Memory	up to 96 hours (Interval 20 second)
Display interval	20sec, 1min, 2min, 3min, 5min, 10min
Standard Configuration	ECG/Resp, Spo2(MEDIANA), NIBP, Temp (only parameter)

Option

Thermal printer, LAN card, Battery (3 types), Nellcor OXIMAX Spo2,
Temperature probe

