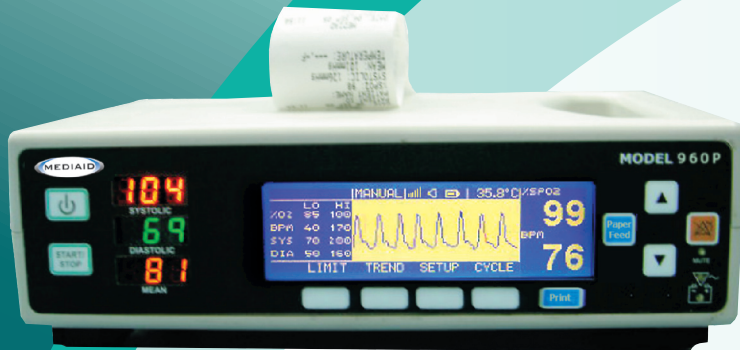




MODEL 960P

Pulse Oximeter with NIBP, Temperature & Printer Option



Key Features

- Compact Pulse Oximetry System for monitoring Oxygen Saturation (SpO₂), Pulse Rate (BPM), Non-Invasive Blood Pressure (NIBP) and Temperature.
- Bright, high resolution LCD screen to display the Pleth Waveform as well as the SpO₂ and Pulse Rate readings
- Separate bright LED displays for systolic, diastolic and mean Blood Pressure readings
- Printer facility for printing reports immediately
- Accurate BP readings in less than 40 seconds
- Nurse call facility that alerts the nurse station in case of emergency
- Connectivity to other life saving equipment
- 24 hour Patient Data storage and trend data
- Patient data transfer to a computer
- 6 different languages option for easy access to clinicians across the world
- Software for patient data analysis
- Monitors Adult, Pediatric and Neonate Patients

Applications

Emergency Care, ICU Care, Surgery Room, Hospitals, Physician's office, Speciality Clinics, Diagnostic Centres

Specifications

Display

High resolution fluorescent backlit 240 x 64 LCD graphical screen for Pleth waveform, SpO₂ and BPM readings

Three 3-digit, bright 7-segment LED displays for Systolic, Diastolic and Mean BP readings

Non-Invasive Blood Pressure

Technique: Oscillometric

Measurement Range:

Adult	20 – 260 mmHg
Systolic	40 – 260 mmHg
Diastolic	20 – 200 mmHg
Pulse	40 – 200 BPM
Neonate	20 – 130 mmHg
Pulse	40 – 200 BPM

Systolic Accuracy : Mean Error less than ± 5 mmHg
SD less than ± 8 mmHg

Diastolic Accuracy : Mean Error less than ± 5 mmHg
SD less than ± 8 mmHg

Pulse Oximetry and Heart Rate

Range: SpO₂ 1 – 100%
Pulse 25 – 255 BPM

Resolution: SpO₂ 1%
Pulse 1 BPM

Reading Accuracy: SpO₂ 100 – 70% $\pm 2\%$
 $\leq 69\%$, Unspecified
Pulse 25 – 255 BPM, ± 2 BPM

Temperature Readings

Scale: Selectable $^{\circ}\text{F}$ / $^{\circ}\text{C}$

Accuracy: ± 0.3 $^{\circ}\text{F}$ / ± 0.2 $^{\circ}\text{C}$

Patient Temp Range: 73.4 $^{\circ}\text{F}$ – 113 $^{\circ}\text{F}$ / 23 – 45 $^{\circ}\text{C}$

Measurement Time: Dependent on probe placement and patient condition.
Normally within 60 secs.

Electrical Ratings

AC Voltage: AC 100-230 V, 50/60 Hz

Battery Type: Rechargeable Internal battery

Battery Run time: Up to 45 minutes on a full-charge with SpO₂ and NIBP readings once every 10 minutes.

Environmental conditions

(Acceptable conditions for operating, storage and transport)

Atmospheric Pressure: 770 – 282 mmHg
1026 – 377 hPa

Humidity: 5 – 95% (non condensing)

Operating Temp: 0 – 40 $^{\circ}\text{C}$

Storage/Transport

Temp: -30 – 65 $^{\circ}\text{C}$

Dimensions

11.8 (L) x 8.0 (W) x 3.3 (H) In

30 (L) x 20.3 (W) x 8.4 (H) cm

Weight

2.85 kgs. or 5.6 lbs. (without Accessories)

3.35 kgs. or 7.3 lbs. (with Accessories)

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