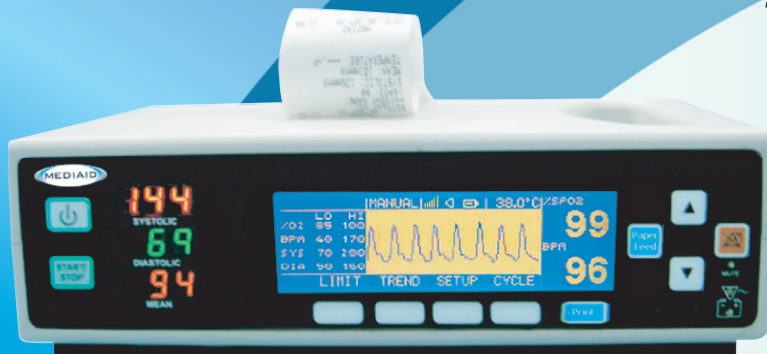




MODEL 960 VP

Veterinary 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.
- 6 different languages option for easy access to clinicians across the world.



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:

Systolic	40 – 265 mmHg
Diastolic	20 – 200 mmHg
Mean	27 – 222 mmHg
Pulse	25 – 300 BPM

Initial Inflation Pressure:

Large Animal	160 mmHg (default) & Variable from 120 - 280 mmHg
Small Animal	160 mmHg (default) & Variable from 60 - 280 mmHg

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 – 300 BPM

Resolution: SpO₂ 1%
Pulse 1 BPM

Reading Accuracy: SpO₂ 100 – 70% ± 2%
≤ 69%, Unspecified
Pulse 25 – 300 BPM, ± 2 BPM

Temperature Readings

Scale: Selectable °F / °C
Accuracy: ± 0.3 °F / ± 0.2 °C
Patient Temp Range: 73.4 – 113 °F / 23 – 45 °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 °C
Storage/Transport Temp: -30 – 65 °C

Physical Specifications

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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