

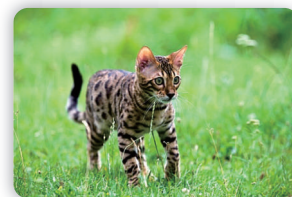
uPM50V

Veterinary Pulse Oximeter



The uPM50V Veterinary Pulse Oximeter is a low cost monitor for spot checking, continuous, noninvasive monitoring or recording of functional oxygen saturation of arterial SpO₂, pulse rate and pulse strength. It may be used in the veterinary hospital or clinical environment. The oximeter works with given sensors providing SpO₂ and pulse rate on a variety of veterinaries like horses, dogs and cats etc with adjustable alarm limits as well as visible and audible alarm signals.

- 3.5" Large size color, 320X480 pixels.
- Turn off automatically for power saving.
- Uses Lithium battery.
- Three measurement modes: spot-check, monitoring and record.
- Continuous storage of data for 999 patient data in 120 hours.
- Data can be stored on a computer and managed, analyzed and printed by using the ODMS system.
- Silent sleep monitoring, with data storage and automatic power-saving features for patients with 24 hours uninterrupted care.
- Expanded heart rate values and veterinary specific SpO₂ sensors to accommodate a variety of species.



SPECIFICATIONS

Enclosure

Weight	265g Weight(with batteries installed)
Dimensions	80mmWx160mmHx30mmD (3.1in.Wx6.3in.Hx1.2in.D)
Display	
Screen size	88.9mm(3.5'),measured diagonally
Screen type	TFT-LCD, white LED backlight
Resolution	320x480pixels
Alarms	
Categories	Patient status and system status
Priorities	Low,medium,and high
Notification	Audible and visual
Setting	Fullstorage,low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10seconds

SpO2

Measurement range	1% to 100%
Accuracy	70-100% ($\pm 2\%$), <70% undefined
Resolution	1%
Display wave speed	10.00 mm/sec

Pulse Rate

PR range	25bpm to 350bpm
Accuracy	$\pm 2\text{bpm}/\pm 2\%$ take maximum
Resolution	1bpm

Electrical

Battery	Lithium battery with 4,400mAh will typically provide 15 hours of monitoring
Type	Lithium Battery
Voltage	3.7V

Environmental

Transport and Storage		Operating Conditions
Temperature	(- 20 ~ + 55) °C (- 4 ~ + 131) °F	(+ 5 ~ + 40) °C (+ 41 ~ + 104) °F
Atmospheric Pressure	700hPa to 1060hPa	
Relative humidity	15% to 95% non condensing	

Configuration

Standard	Main unit, Veterinary SpO2 sensor, Lithium Battery
Optional Configuration	Data Analysis Software(ODMS)

Trend

Tabular	
Memory	Saves a total of 120hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters

ACCESSORIES



Vet Lingual Clip SpO2 Sensor



AC Adapter



Data Analysis Software

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