DRAWELL
Artist of Science

VS2000V Veterinary Vital Signs Monitor

This VS2000V veterinary vital signs monitor is intended to be used in special procedure labs and other areas of a veterinary hospital or clinic where veterinary monitoring systems are needed. The monitor package includes 3-lead or 5-lead electrocardiography (ECG), noninvasive blood pressure (NIBP), temperature (TEMP) and pulse oximetry (SpO2).The device permits patient monitoring with adjustable alarm limits as well as visible and audible alarm signals. The monitor provides fast, reliable measurements for patientsranging from cats to horses when using the appropriate accessories.

Features:

- 7" high resolution color LCD display with adjustable brightness.
- Lightweight and portable, easy for veterinarians to carry out.
- Built-in rechargeable lithium battery for long term continuous operation.
- 3 leads and 5 leads ECG cable are selectable.
- Variety of NIBP Cuffs for different size animals.
- Expanded heart rate values and Veterinary specific SpO2 sensors to accommodate a variety of species.
- Widely used in pet hospitals and animal clinics etc.
- Two-year warranty.

Special NIBP technology designed for animals, safety and accuracy.

Multiple choice of NIBP cuffs for different size animals.

Compact and portable, easy to carryout.

ACCESSORIES

Standard

Rectal SpO2/TEMP sensors

PMS8600

Trolley

Sidestream ETCO2 Module

Parameters

Enclosure	
Weight	2.05kg (4.52 lb), including 1 battery
Dimensions	324mm Wx 129mm Hx 183 mmD (12.76in. W x 5.08in. H x 7.20in. D)
Display	
Screen size	177.8 mm (7in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60°and optimal viewing distance of 1.5 meter
Resolution	800 x480 pixels
Alarms	
Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Full storage, low battery and sensor off
Alarmvolumelevel	45 to 85 decibels
Alarm system delay	<10 seconds

SpO2	
Aturation range	1% to 100%
Accuracy	70-100% (±2%), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Pulse Rate	
Aturation range	25bpm to 350bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

ECG	
Aturation range	25bpm to 350bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm
Leads	I,II,III,V, aVR, aVL or aVL
Display gain	X1/4, X1/2, X1, X2, X4
Display sweep speed	6.25, 12.5, 25, 50mm/sec

NIBP	
Method	Oscillometric
Aturation Range	0-300mmHg
Accuracy	Based on ANSI/AAMI SP10: 1992 and 2002 Standards
Measurement Time	30-50s typical, 180s maximum
AUTO Interval Times	2, 3, 5, 10, 30 min, or 1, 2h

RESP	
Aturation range	0-130rpm
Accuracy	±1 pm
Resolution	1rpm

TEMP	
Aturation range	0-50°C
Accuracy	±0.2°C
Resolution	0.1°C

ETCO2 (Optional)	
Mode	Sidestream
Aturation Range	0-150mmHg
Accuracy	0-40mmHg ±2mmHg 41-150mmHg ±10% of reading
Resolution	0.lmmHg
Flow rate	50ml/min ±10ml/min

Electrical	
Battery	Four new lithium batteries with 4,400mAh will typically provide 4.5 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium Batteries, 4,400mAh, DC 11.1V
Voltage	AC 100-240V, 50-60Hz, 80VA

Environmental

	Transport and Storage	Operating Conditions
Temperature	40°C to 75°C (-40°F to 167°F)	0°C to 50°C (32°F to 122°F)
Altitude	-500 to 5,000m (-1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

Configuration	
Standard	SpO2+ECG+NIBP+RESP+TEMP
Optional	SpO2, SpO2+NIBP, SpO2+NIBP+ECG, SpO2+NIBP+TEMP SpO2+ECG+NIBP+RESP+ TEMP+ETCO2, etc.Lithium Battery, Trolley, Brace, IPMS8600 Central monitoring system

Trend

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