PM-60Vet
Pulse Oximeter

- High resolution 2.4" color LCD display

- Two selectable working modes: spot check and continuous monitoring

- Adjustable audible and visual alarms

- Real time data transfer capability by infrared technology

- Batteries to support up to 36 hours of use in continuous mode

- Protective cover and carrying case perfect for portable monitoring needs

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PM-60Vet
Pulse Oximeter

Technical Specifications

Parameter: SpO$_2$, PR

Display

Type:	2.4" color TFT
Resolution:	320 x 240 pixels
Modes:	Standard, waveform
Waveforms:	Plethysmograph (waveform mode only)
Parameters:	SpO$_2$, Pulse Rate
Indicators:	Pulse strength
	Patient ID
	Patient size
	Data export status
	Battery status
	Real-time clock
	Technical alarms
	Physiological alarms
	Alarm limits

Operating Modes

Operating Modes:	Spot-check, continuous

Pulse Oximetry

Measurement Range:	0-100%
Resolution:	1%
Accuracy:	±2% (70-100%, no motion)
	±3% (70-100%, motion)
	0-69% unspecified

Pulse Rate

Measurement Range:	18-300bpm
Resolution:	1bpm
Accuracy:	±3bpm (no motion)
	±5bpm (motion)
Alarm Range:	18-300bpm
Refreshing Rate:	1 sec
Averaging Time:	7 sec (sensitivity set HIGH)
	9 sec (sensitivity set MED)
	11 sec (sensitivity set LOW)

Trends

Spot-check Mode

Memory:	Auto-assign of patient IDs from 1 to 99. Data stored every 30 seconds. 4,000 data sets stored for 99 patients.

Continuous Mode

Memory:	Manual assignment of patient IDs from 1 to 99. Data stored every 2 seconds. 96 hours of data stored for 1 patient. Five data sets viewable in list trend window at a time. Data set includes measurement time, SpO$_2$, and pulse rate.
List Trends:	Five data sets viewable in list trend window at a time. Data set includes measurement time, SpO$_2$, and pulse rate.

Battery

Type:	3 AA alkaline batteries, 3 AA rechargeable batteries, or 1 rechargeable lithium ion battery
Run Time:	36 hours in continuous mode (AA alkaline or AA rechargeable batteries)
	24 hours in continuous mode (lithium ion battery)
Recharge Time:	2 hours (lithium ion battery) using optional external battery charger

Interfacing

Connectors:	1 dual-purpose port for connecting SpO$_2$ sensor and communication cable
	1 infrared link for transfer of real-time patient data to a PC

Physical Dimensions

Monitor Size:	124mm (H) x 56mm (W) x 30mm (D)
	4.9" (H) x 2.2" (W) x 1.2" (D)
Monitor Weight:	.3kg (.66lbs.) including battery

Environmental

Operating Temperature:	0°C to 40°C
Storage Temperature:	-20°C to 60°C
Operating Humidity:	15% to 95%, non-condensing
Storage Humidity:	10% to 95%, non-condensing

Power Requirements

Input Voltage:	5VDC
Power:	1.2A

Safety

Type of Protection:	Class II with internal electric power supply
Degree of Protection:	BF (defibrillation proof)
Protection Against Ingress of Fluids:	IPX2

Protective cover and carrying case available for portable monitoring applications

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