

S70Vet

Portable Veterinary Monitor



Features

- 7" color high resolution TFT display
- 72 hours trend data and trend maps review
- Parameter display with big font size feature
- Portable design, stylish and convenient
- 12V DC power supply available, convenient to use as transport monitor
- Application from small to large animals
- Veterinary specific vital signs ranges.



TECHNICAL SPECIFICATION: **S70Vet**

Size and Weight

- Size: 318mm×264mm×152mm
- Weight: 4 kg
- 7" Color TFT display
- Resolution: 800x600 pixels or higher

Power supply

- Power Voltage: AC 100-240V; AC: 50-60Hz
- Power Input $\leq$ 85VA
- Safety class: Category I
- Alarm Indication: Visual And Audible alarm
- Battery: Rechargeable lead and cell, 12V/2.0AH

Thermal Recorder

- Method: Thermal dot array
- Paper width: 50mm(1.97 in)
- Paper Speed: 12.5/25/50(mm/sec)
- Traces: Maximum 3 tracks

Alarm

- Three Levels: Low, medium and high
- Indication: Sound and Light indication
- Setup: Default and customer
- Silence: All alarm can be silenced
- Volume: 45-85 dB measured at 1 meter distance

ECG

- Lead Mode: 3-leads ECG input
5-leads ECG input
- Lead selection: I, II, III
I, II, III, aVR, aVL, aVF, Cx
I, II, III, aVR, aVL, aVF, V1 ~ V6(option)
- Gain: 2.5mm/mV, 5mm/mV, 10mm/mV,
20mm/mV, 40mm/mV, Auto
- Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
- Insulation Breakdown Voltage 4000VAC 50/60 Hz

RESP

- Method: Impedance variation between RA-LL(R-F)
- Measurement Range: 0~120 rpm
- Accuracy: ± 2 bpm
- Gain: x1, x2, x4
- Alarm: User-selectable upper and lower respiration rate limits and user-selectable apnea limit

NIBP

- Method: Automatic oscillometry
- DIA: 10~220mmHg
- Range of measurement:
SYS: 30~270mmHg
MEAN: 20~235mmHg

Standard configuration of S70Vet:

ECG, RESP, SpO2, NIBP, 1-TEMP, Acid Battery

Optional parameter & configuration of S70Vet:

2-TEMP, Thermal recorder

Specification subject to be changed without prior notice.

- Unit: mmHg, kPa
- Intervals for AUTO measurement time: 1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90 minutes; 2, 4, 8, 12 hours
- Overpressure protection: Hardware and software double protections

Standard SpO2 (Digital)

- Measurement Range: 0~100%
- Accuracy: 70~100%, $\pm 2\%$
35~69%, $\pm 3\%$
0-34%, unspecified
- Resolution: 1%

PR

- Measurement Range: 25~250bpm
- Accuracy: $\pm 1\%$ or ± 1 bpm whichever is great
- At 0-69%, unspecified
- Resolution: 1bpm

TEMP

- Channel: 2
- Measurement Range: 0.0°C ~ 50.0°C
- Accuracy: $\pm 0.1^\circ\text{C}$ (exclusive of probe)
- Resolution: 1mmHg
- Unit: Celsius(°C), Fahrenheit(°F)
- Alarm: User-selectable upper and lower limits for TEMP1, TEMP2

Environment

- Operating temperature: 0~+50°C
- Transportation and Storage temperature: -40°C to +70°C
- Relative humidity: Working 10-90%
Transportation and storage 0%-93%
- Atmospheric pressure: 700hPa to 1060hPa
Transportation and storage 500-1060 hPa

Thermal Recorder

- Method: Thermal dot array
- Paper width: 50mm(1.97in)
- Paper speed: 12.5/25/50(mm/sec)
- Traces Maximum: 3 tracks

Trend Reviewing

- Displaying trend data and trend maps: 72 hours
- NIBP measurement reviewing: 600 pieces



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