

Portable multi-parameter monitor suitable for feline, canine, and other animals.

Features:

- High resolution color TFT-LCD Screen
- Defibrillation and electrosurgical interference protection
- Pitch tone (Pulse-tone modulation)
- Standard Parameters: 3/5 lead ECG, RESP, SpO2, NIBP, PR, 2-Temp
- Optional: 2-IBP, Respironics CO2, Thermal Recorder
- Optional: VGA output

Display Modes:

- 3/5 lead ECG Analysis
- Large Font
- Trend Screen



Physical Specifications

- Device Dimension: 320mm (L) x 150mm (W) x 265mm (H) - 12.6 in. (L) x 5.9 in. (W) x 10.4 in. (H)
- Weight: approx. 5kg (11 lbs)

Display

- Color TFT-LCD: 10.1"
- Resolution: 800 x 480
- Traces Displayed: Up to 8
- Waveforms Displayed: Up to 11
- Sweep Speed: 6.25, 12.5, 25, 50 mm/s

ECG

- Lead Type: 5-lead and 3-lead selectable
- Gain: Auto, x 0.125, x 0.25, x 0.5, x 1, x 2, x 4
- Sweep Speed: 6.25, 12.5, 25, 50 mm/s
- ECG HR Range: 15~350 bpm
- Resolution: 1 bpm
- Accuracy: ± 1 bpm or 1% (whichever is greater)
- Filter:
 - » Diagnostic Mode: 0.05~150 Hz
 - » Monitoring Mode: 0.5 ~40 Hz
 - » Surgical Mode: 1~20 Hz
- ST-Segment Detection:
 - » Measurement Range: -2.0 mV-2.0mV
 - » Alarm Range: -2.0 mV -2.0 mV

RESP

- Method: Trans-thoracic impedance
- Operation Mode: Auto/Manual
- RR Measurement Range: 6~150 rpm
- Resolution: 1 rpm
- Apnea Alarm Threshold: 10, 15, 20, 25, 30, 35, 40s
- Band Width: 0.2~2.5 Hz (-3 dB)

SpO2

- Measurement & Alarm Range: 0-100%
- Resolution: 1%
- Accuracy: $\pm 2\%$ (70~100%)
- PR Measurement: 25~350 bpm
- Resolution: 1 bpm
- Accuracy: ± 2 bpm

NIBP

- Method: Automatic Oscillometric
- Operation Modes: Manual/Automatic/Continuous
- Auto Measurement Time Interval: 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 240, 480 minutes
- Measurement Unit: mmHg/kPa
- Measurement Types: Systolic, Diastolic, Mean, PR
- Resolution: 1 mmHg
- Accuracy: ± 3 bpm or 3.5%, whichever is greater
- PR NIBP Measurement Range: 40~240 bpm
- Resolution: 1 bpm

IBP (2 Channels, Optional)

- Measurement Range: -50~300 mmHg
- Resolution: 1 mmHg
- Accuracy: $\pm 2\%$ or 1 mmHg (whichever is greater)
- Sensitivity: 5 μ V/V/mmHg
- Impedance Range: 300-3000 Ω

Philips Respironics CO2 (Optional)

- Type: Sidestream/Mainstream
- Range: 0-150 mmHg
- Accuracy:
 - » ± 2 mmHG 0-140 mmHg
 - » $\pm 5\%$ 41-70 mmHg
 - » $\pm 8\%$ 71-100 mmHg
 - » $\pm 10\%$ 101-150 mmHg
- AwRR Accuracy: ± 1 rpm

CO2 (Optional) Sidestream

- Range: 0-13% (0-100 mmHg)
- Accuracy:
 - » ± 2 mmHg <5.0% CO2
 - » <6% of the reading >5.0% CO2
- AwRR Accuracy: 1% or ± 1 rpm (whichever is greater)
- Sample Flow Rate: 50-250 ml/min. adjustable
- Temperature (2 Channels, 1 probe by default)
- Measurement/Alarm Range: 0-50°C (32-122°F)
- Resolution: 0.1°C
- Accuracy: 0.1°C (without probe)
- Channel: Dual-channel. Provide T1; T2; T
- Thermal Recorder (Optional)
- Print Speed: 25, 50 mm/s

Power Supply

- AC Power: 100-240 V AC, 50/60 Hz
- Battery: 14.8 V Rechargeable Li-Ion Battery

