

## Spot Monitor

AMD-8221



### Vital Signs in Seconds

The *Spot Monitor* is the ideal medical device to quickly capture and measure a patient's physiological statistics at the start of a clinical telemedicine exam. Clinicians of all skill levels can easily take accurate blood pressure, body temperature, pulse rate and respiratory rate in a matter of seconds.



### Product Features:

- Welch Allyn SureBP® technology measures blood pressure in about 15 seconds, while the cuff is inflating.
- SureTemp® Plus Thermometry allows you to obtain fast and accurate temperature readings in as little as 4-6 seconds.
- Massimo® pulse oximetry provides accurate blood oxygenation (SpO<sub>2</sub>) readings.
- Ability to manually enter weight, height, respiration rate, and pain level and also calculates Body Mass Index.
- Bigger, brighter LCD display provides greater visibility from farther distances.
- 50-reading memory allows retrieval of previous data for review, to print or to download later.
- Error message descriptions provide real solutions, not just error codes.
- Connects to leading EMR systems to reduce documentation errors and improve examination workflow.
- Easily integrates with AMD's AGNES™ software to share vital information with remote/consulting physicians.

## Technical Specifications:

**Physical Dimensions:** 10.63" (H) x 7.48" (W) x 5.25" (D) (27 cm x 19 cm x 13.34 cm)

**Weight:** 7.5 lbs (3.4 kg)

### Non-invasive Blood Pressure (NIBP)

- Cuff Pressure Range: 0 to 300 mmHg
- Systolic Range: 60 to 250 mmHg
- Diastolic Range: 30 to 160 mmHg
- Mean Arterial Pressure Range: 40 to 190 mmHg
- Blood Pressure Accuracy: Meets or exceeds AAMI SP10:2002
- Overpressure Cutoff: 315 mmHg  $\pm$ 15 mmHg
- Blood Pressure Determination Time: Typical: 15 seconds
- Pulse Rate Range: 35 to 199 bpm
- Pulse Rate Accuracy:  $\pm$ 5.0%

### Temperature

- Temperature Range: 80.06° F to 109.94° F (26.7° C to 43.3° C)
- Calibration Accuracy:  $\pm$ 32.18° F (0.1° C) Monitor Mode
- Display Resolution: -63.86° F (-17.7° C)
- SureTemp® Plus Predict Time: Oral Approx. 4 to 6 seconds
- Probe and Probe Well:
  - ♦ Oral/Axillary: Blue
  - ♦ Rectal: Red

### SpO<sub>2</sub>

- Performance Measurement: 1% to 100%
- Range: 25 to 240 bpm
- SpO<sub>2</sub> Accuracy: 70% to 100%
- Pulse Rate Accuracy: 25 to 240 bpm  $\pm$ 3 digits

### Electrical

- AC power supply: 8V DC at 0.75 A
- Battery Type: rechargeable sealed lead acid internal battery
- Battery Recharge Time: 90% to 100% after 6 hours
- Battery Operation: simultaneously operates device and charges battery when AC power adapter is plugged in

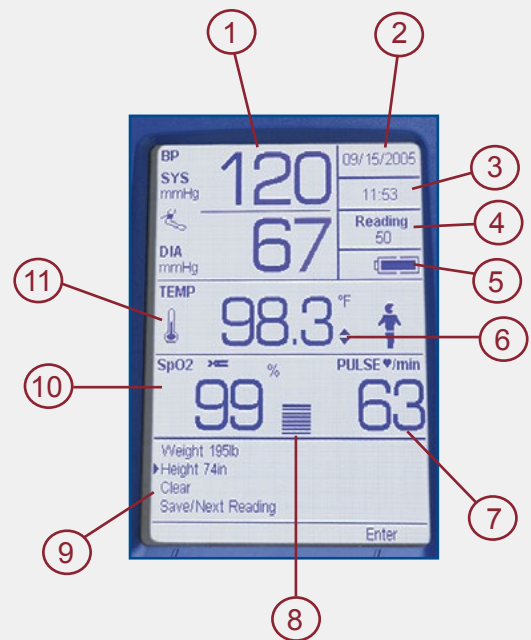
### Operating Conditions:

- Operating Temperature (Device): 50° F to 104° F (10° C to 40° C)
- Operating Relative Humidity: 15% to 95% (non-condensing)
- Operating Altitude: -170 m to +4,877 m

### Storing Conditions:

- Storage Temperature: -77° F to 131° F (-25° C to 55° C)
- Storage Humidity: 15% to 95% (non-condensing)

## Large LCD Display Packs it All Into a Small Footprint



- 1 Blood Pressure Display
- 2 Date/Location
- 3 Clock
- 4 Reading Number Indicator
- 5 Battery Level Indicator
- 6 Out of Range Indicator
- 7 Pulse Display
- 8 Pulse Signal Bar Graph
- 9 Navigation Window
- 10 SpO<sub>2</sub> Display
- 11 Temperature Display and Indicator



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