

R Series®



Advanced Monitoring

During sudden cardiac arrest, monitoring oxygen saturation, end-tidal CO₂, and other vital signs provides valuable information about the patient's status and can also indicate the patient is in trouble before they even arrest. The R Series Monitor/Defibrillator offers advanced monitoring capabilities in a compact, easy-to-use device, with a small footprint.

Mainstream and Sidestream Capnography

The R Series is the only monitor/defibrillator that offers both mainstream and sidestream capnography. Depending on the needs of your patient, exchanging mainstream technology for sidestream is seamless. It's as simple as unplugging one cable and exchanging it for another.

Mainstream CO₂ Monitoring

- Small, lightweight plug and play Respironics® CAPNOSTAT® 5 sensor provides fast response time and reliable monitoring for intubated patients or those with an advanced airway.
- Easy-to-use airway adapters provide hassle-free uninterrupted monitoring. Available in disposable or reusable options and in pediatric and adult sizes.

Sidestream CO₂ Monitoring

- Respironics LoFlo® CO₂ sensor is durable and compact. Ideal for non-intubated patients; multiple accessories available.
- Rapid warm-up time.
- Adapter kits available for intubated patients or those with an advanced airway.

Pulse Oximetry (SpO₂)

- Masimo's unique SET® signal processing algorithm provides more accurate measurements during motion, fewer false alarms, reliable values during external pacing, and improved oximeter performance with patients in shock and/or who have low perfusion.
- Combines adult, pediatric, and neonatal capabilities.

Non-Invasive Blood Pressure (NIBP)

- SunTech Medical® Advantage R-wave motion-tolerant technology.
- Single or multiple measurements at user-programmable intervals. Abort any measurement in progress by pressing one button.
- Sets cuff inflation pressure to adjust automatically based on the previously measured systolic value.



Accurate advanced monitoring of SpO₂ and NIBP for optimal patient care.



The only monitor/defibrillator with both mainstream and sidestream CO₂ monitoring options.



Easy-to-read display shows all parameters and critical data at a glance in all conditions.



Available pouch offers convenient storage and easy access to attachments.

R Series Advanced Monitoring Specifications

Mainstream CO₂ Monitoring: Capnostat 5 Sensor

Principle of Operation: Nondispersive infrared (NDIR) single-beam optics, dual wavelength, no moving parts

Warm-up Time: Full specifications within 2 minutes at an ambient temperature of 25°C. Capnogram in 20 seconds.

Environmental: Operating temperature of sensor: 0°C to 45°C, Storage and shipping temperature: -40°C to 70°C

Sidestream CO₂ Monitoring: LoFlo Sensor

Principle of Operation: Nondispersive infrared (NDIR) single-beam optics, dual wavelength, no moving parts

Warm-Up Time: Full specifications within 2 minutes at an ambient temperature of 25°C. Capnogram in 20 seconds.

Environmental: Operating temperature: 0°C to 40°C, Storage and shipping temperature: -40°C to 70°C

Non-invasive Blood Pressure

Patient Population: Adult, Pediatric, Neonatal

Method: Oscillometric

Control: Automatic and manual measurements

Auto Intervals: 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 45, 60, 90, 120 min

STAT Mode: Maximum number of measurements in 5 minutes, not to exceed 10

Displayed Pressures: Systolic, Diastolic, Mean

Displayed Units: mmHg, kPa

Systolic Range: 40 to 260 mmHg

Diastolic Range: 20 to 200 mmHg

Mean Range: 30 to 220 mmHg

Pressure Transducer Accuracy: ±3 mmHg

Redundant Circuit

Overpressure Limit: 300 mmHg

Pulse Rate Range: 40 to 200 bpm

Typical Measurement Time: 30 seconds

Regulatory Standards: ANSI/AAMI SP10-2002; EN 1060-1: 1996 specification for non-invasive sphygmomanometers; EN 1060-3: 1997; EN 60601-2-30: 2000

Pulse Oximetry with Masimo SET® Technology

Saturation Range: 1-100% (%SpO₂) with a resolution of 1%

Pulse Rate Range: 25-240 ppm with a resolution of 1 ppm

Saturation Accuracy: Non-motion conditions: ±2% for adults/pediatrics; ±3% for neonates. During motion ±3% for all patients.

Pulse Rate Accuracy: Non-motion conditions: ±3 ppm. During motion: ±5 ppm

**ADVANCING
RESUSCITATION.
TODAY.®**

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