

# R Series®



## Advanced Monitoring

During sudden cardiac arrest, monitoring oxygen saturation, end-tidal CO<sub>2</sub>, 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 CO<sub>2</sub> 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 CO<sub>2</sub> Monitoring

- Respironics LoFlo® CO<sub>2</sub> 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 (SpO<sub>2</sub>)

- 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 SpO<sub>2</sub> and NIBP for optimal patient care.



The only monitor/defibrillator with both mainstream and sidestream CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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% (%SpO<sub>2</sub>) 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

Specifications subject to change without notice.

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Printed in U.S.A.

MCN HP 1607 0220

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