During cardiac events, monitoring patient vital signs is critical. In addition to state-of-the-art pacing technology, the R Series is now available with End-Tidal CO₂, Non-invasive Blood Pressure, and Pulse Oximetry.
Advanced Monitoring Capabilities

**End-Tidal (EtCO2) Mainstream Technology**
- Provides continuous end-tidal CO2 monitoring and diagnostic information
- Rapid warm-up time

**Non-Invasive Blood Pressure**
- Adult and pediatric cuffs provide accurate readings in semi-automatic and manual modes
- Disposable neonatal cuffs also available

**Pulse Oximetry**
- Fast and accurate means of continually and non-invasively monitoring oxygenation

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**R Series Advanced Monitoring Specifications**

### End-Tidal (EtCO2)
- **Patient Population:** Adult, Pediatric, Neonatal.
- **Transducer Type:** CAPNOSTAT 5: Mainstream.
- **Principle of Operation:** Non-Dispersive Infrared (NDIR) single beam optics, dual wavelength, no moving parts.
- **Warm-up Time:** Full specifications within two minutes at an ambient temperature of 25°C. Capnogram in 15 seconds.
- **Environmental Operating Temperature:** 0°C to 40°C
- **Storage and Shipping Temperature:** -40°C to 70°C. Units may not perform to specifications when stored at the upper or lower extreme limits of storage temperature and immediately put into use.

### 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.
- **Pulse Rate Range:** 40 to 200 bpm. Typical Measurement Time: 30 seconds.
- **Regulatory Standards:**

### 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.

Specifications subject to change without notice.
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