

## Handheld Pulse Oximeter

Model: SA300

WORLD'S FIRST  
CHECK OF  
**ARTERY CONDITION**  
WITH SpO<sub>2</sub> & PULSE RATE  
PULSE OXIMETER



- Artery Check Technology (ACT) embedded
- Instant readings of SpO<sub>2</sub>, Pulse Rate and artery condition in 1 minute
- Big 2.4" color TFT display
- Personal SpO<sub>2</sub>, Pulse Rate, Memory Interval thresholds setting
- Shielded Design blocks Ambient Light
- Biocompatibility & Anti-Allergic Design
- Alarm function  
Device delivers audible warning when measurement result exceeds the SpO<sub>2</sub>/Pulse Rate thresholds previously set.
- Silent mode  
Disables the beep sound during the measurement by pressing the "Sound" button.
- Up to 999 Memories  
Could be programmed with 3 intervals:  
10 / 30 / 60 seconds
- Bluetooth® Transmission
- Pulse Strength Indicator
- Dual power source
- Protection pouch



Artery Check Technology



%SpO<sub>2</sub> & Pulse Rate



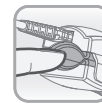
2.4" Color Display



High/Low SpO<sub>2</sub>, PR & Memory Interval Setting



Shielded Design blocks Ambient Light



Biocompatibility & Anti-Allergic Design



Alarm & Sound Off



Up to 999 memories



Pulse Strength Indication



PPG/ACT Waveform



Battery and AC Adaptor



Protection Pouch



Bluetooth® Transmission

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### ACT (Artery Check Technology)

ACT (Artery Check Technology) analysis the pulse and SpO<sub>2</sub> signals and determines the actually prevailing stiffness of the artery (Artery Condition). ACT further comprehensively classifies the arterial condition into 6 levels and presents the result by an intuitive graphical visualisation. Pulse rate, SpO<sub>2</sub> and the artery condition are available at your fingertip!

#### Pulse Oximeters with ACT detects

- Artery Condition
- SpO<sub>2</sub>
- Pulse Rate



Artery condition is associated with the potential presence of the following diseases:

- Arteriosclerosis
- Peripheral circulation disorder
- A wide range of cardiovascular diseases

Monitoring your arterial constriction condition with Rossmax ACT-embedded Pulse Oximeter allows an early risk assessment for wide-spread clinical cardiovascular disorders. By this non-invasive technique both, the progression as well as the actual status of pathological arterial perfusion is recognized. In addition, Rossmax offers the PARR Technology for Blood Pressure Monitors, which is a world unique stroke screening technology by distinction of pulse arrhythmia. Together with ACT Rossmax offers the total solution to monitor your health and evaluate most severe risk factors.

#### Specification

**Measurement Range** | SpO<sub>2</sub>: 35%~100%; PR: 30~250 bpm

**Precision** | SpO<sub>2</sub>: 70%~100%; ±2%; 35%~69% (unspecified); Pulse rate: 30~250bpm; ±3

**SpO<sub>2</sub> Accessory** | Adult Probe Included, Pediatric / Neonatal Probe Optional

**Power Supply** | 4 x "AA" Alkaline / AC Adaptor

Model	Qty per carton	Carton volume
SA300	10 pcs	0.055 cbm/ctn

- Storage temperature: -25°C - 70°C (-13°F - 158°F)
- Relative humidity: 15% - 90% (no condensing)
- Atmospheric Pressure: 700 to 1060 hPa