

## Handheld Pulse Oximeter

Model: SA300

WORLD'S FIRST  
CHECK OF  
**ARTERY CONDITION**  
WITH SpO2 & PULSE RATE  
PULSE OXIMETER



- Artery Check Technology (ACT) embedded
- Instant readings of SpO2, Pulse Rate and artery condition in 1 minute
- Big 2.4" color TFT display
- Personal SpO2, 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 SpO2/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



%SpO2 & Pulse Rate



2.4" Color Display



High/Low SpO2, 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 SpO2 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, SpO2 and the artery condition are available at your fingertip!

### Pulse Oximeters with ACT detects

- Artery Condition
- SpO2
- 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** | SpO2: 35%~100%; PR: 30~250 bpm
- Precision** | SpO2: 70%~100%; ±2%; 35%~69% (unspecified); Pulse rate: 30~250bpm; ±3
- SpO2 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