

## Fingertip Pulse Oximeter

Model: SB210

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
- Shielded Design blocks Ambient Light
- Biocompatibility & Anti-Allergic Design
- Pulse Strength Indicator
- Two way, two color OLED display
- BLE 4.0 transfer real-time data



Artery Check Technology



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



Shielded Design blocks Ambient Light



Biocompatibility & Anti-Allergic Design



Bluetooth® Transmission



Pulse Strength Indication



OLED Two-way Two-Color Display



Cord Attached



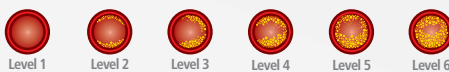
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### ACT (Artery Check Technology)

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%~99%; PR: 30~250 bpm

**Precision** | SpO<sub>2</sub>: 70%~99%; ±2%; 35%~69% (unspecified); Pulse rate: 30~250bpm; ±3

**Alarm** | Default Value for SpO<sub>2</sub>

**Power Supply** | 2 x "AAA" Alkaline

Model	Qty per carton	Carton volume
SB210	50 pcs	0.058 cbm/ctn

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