

## Fingertip Pulse Oximeter

Model: SB210

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
- 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



%SpO2 & Pulse Rate



Shielded Design blocks Ambient Light



Biocompatibility & Anti-Allergic Design



Bluetooth® Transmission



Pulse Strength Indication



OLED Two-way Two-Color Display



Cord Attached



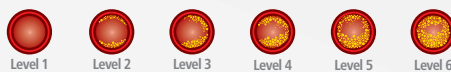
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### ACT (Artery Check Technology)

ACT (Artery Check Technology) analysis the pulse and 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%~99%; PR: 30~250 bpm

**Precision** | SpO2: 70%~99%; ±2%; 35%~69% (unspecified); Pulse rate: 30~250bpm; ±3

**Alarm** | Default Value for SpO2

**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