

TaiDoc Hand-Held Pulse Oximeter

Automatically sends results via Bluetooth to our LifeGuard SmartHome systems



This pulse oximeter is designed to accurately assess blood oxygen concentration and pulse rate. Compact size, easy operation, and adjustable alarm make this device ideal for portable monitoring needs. It's extremely durable and has a long battery life (more than 40 hours).

Features

- Measurements can be sent automatically via Bluetooth to our LifeGuard SmartHome systems for monitoring by a nurse in our Emergency Response Centre
- Large and clear LED screen
- Water-resistant and shock resistant for optimal protection in all conditions
- Ergonomic design provides simple, single-hand operation
- Rubber grip offers secure handling
- Bluetooth transmission
- Fast, accurate, flexible

Specifications

- Measurement Range: 0% to 100%
- SpO₂ Resolution: 1%
- SpO₂ Accuracy: 70% to 100% range: $\pm 2\%$; <69%: unspecified
- SpO₂ Method: Dual Wavelength LED
- Pulse Rate Range: 30 to 250bpm
- Accuracy of Pulse Rate: ± 1 bpm or $\pm 1\%$, whichever is greater
- Mode of Operation: Continuous
- LED Display: SpO₂: 3 Digits, HR: 3 Digits, Pulse-Strength Bar
- Status Indicator: Probe Good, Battery Status
- External Output: Bluetooth V2.0, SPP (Series Port Profile)
- Alarm Range Setting: SpO₂ High/Low, Pulse Rate High/Low
- Pulse Volume Adjust: 2 Levels or Off
- LED Light Adjust: 2 Levels
- Power Source: 4 x AA Alkaline Battery
- Battery Usage Life: 40 hours typical operation
- Dimension: 149 L x 70 W x 32 H (mm)
- Weight: 240g with batteries
- Storage/Transportation Condition: -20°C to 55°C, 0% to 95% RH, non-condensing
- Operating Condition: -10°C to 50°C for the device; 5°C to 40°C for the probe
- Degree of Protection: Type BF
- Water-Resistance: Against Water Splash, IPX2
- Mechanical Impact-Resistance: Against Repeat Impact from 1M Height
- EMC Standard: EN60601-1-2
- Safety Standard: EN60601-1
- Performance Standard: ISO9919

Specifications subject to change at discretion of INS LifeGuard or the manufacturer, TaiDoc Technology Corp.