

Handheld Pulse Oximeter

The JB3000 Hand-Held Pulse Oximeter delivers quick and reliable pulse oximetry spot-checking for multiple environments including physician offices, EMS, hospitals, outpatient clinics and home healthcare. With an easy-to-read display, compact design and accurate assessments for SpO2 and Pulse Rate for both pediatric and adult patients, the JB3000 is ideal for all your portable monitoring needs.

- Durable compact design is lightweight and can fit comfortably in the hand
- Easy-to-read color LED display
- Display SpO2, Pulse Rate, Perfusion Index, Plethysmogram and Pulse Bar
- Monitor patients ranging from neonate to adult
- Stores data for up to 10 different patients and 72 hours
- Simple On/Off control with auto shutoff to conserve battery life
- Audible & visual alarm; battery-low indicator
- Easy data transmission to computer



JB3000	Oximeter	1 ea
JB3000-AP	Adult Probe	1 ea (included)
JB3000-PP	Pediatric Probe	1 ea (sold separately)
JB3000-USB	USB Cable	1 ea
JB3000-B	Replacement Cover	1 ea

Specifications

Dimensions	4.3" (110mm) (L) x 1.4" (35mm) (W) x 1" (27mm) (H)
Weight	3.9oz (110g) with alkaline batteries
User Application	Adults and Pediatrics

SpO2

Oxygen Saturation

Measurement Range	70 - 99% SpO2
SpO2 Measurement	80 - 99% $\pm 2\%$
Accuracy	70% - 79%: $\pm 3\%$ <70% unspecified
Resolution	1%

Pulse Rate

Measurement range	30 - 254 beats per minute (BPM)
Pulse Rate Measurement Accuracy	± 2 bpm or $\pm 2\%$
Resolution	1bpm

Power Requirements	Type 2 AA alkaline batteries
Operation Time	50 hours for normal operation

Display

Dual Color OLED

Parameters Displayed	SpO2, PR, PI, Plethysmogram, Pulse Bar
Display Modes	3
Brightness	Adjustable 10 levels

Alarm

Alarm SpO2, PR, Probe Off,
Battery-Low Indicator
Audible & Visual Modes

Memory

72 hour data storage, up to 10 patients

Environmental

Temperature

Operation Temperature	5°C - 40°C
Storage Temperature	-20°C - 70°C

Humidity

Operation Humidity	15%RH - 95%RH
Storage Humidity	10%RH - 95%RH

Standards

ISO9919
IEC60601-1

Durability Testing

Shock Testing	In compliance with IEC 68-2-27
Vibration Testing	In compliance with IEC 68-2-34

Classification

Type of protection: internal electrical power source equipment