

H100B

Handheld Pulse Oximeter

As a handheld pulse oximeter, H100B is designed to serve the needs of both long-term monitoring and spot check. It's dedicated to offer reliable, accurate and sensitive measurement of blood oxygen saturation under even harsh conditions.

Measured Parameters: SpO₂+PR

300 h
SpO₂ Review

100
Patient ID



H100B

Handheld Pulse Oximeter

Mounting Solutions



Bed Rail Mount



Carrying Bag



Charger Stand

- LCD display with backlight control
- Dual work modes: monitoring & spot check
- Numeric display with plethysmogram display
- Trend review
- Pulse-tone modulation (Pitch Tone)
- Adjustable audio and visual alarms
- Powerful data storage capacity (up to 300 hours)
- PatientCare Viewer software for PC data management
- 4 x AA batteries for up to 48 hours of work
- Rechargeable battery for up to 30 hours of work
- Optional battery charger stand
- Automatic power-off function for power saving

Specification

Classification

| | |
|--|---|
| Type of Protection | Internally power equipment (on battery power) |
| EMC Compliance | Class B |
| Degree of Protection | Type BF-Applied Part |
| Mode of Operation | Continuous |
| Enclosure Degree of Ingress Protection | IPX2 |

Size and Weight

| | |
|--------|------------------------------|
| Size | 160 (L)x70 (W)x37.6 (H) (mm) |
| Weight | 165 g (without batteries) |

Environment

| | |
|---------------------|--------------------------|
| Temperature Working | 5 C~40 C |
| Storage/Shipping | -20 C~55 C |
| Humidity Working | 25%~80% (Non-condensing) |
| Storage/Shipping | 25%~93% (Non-condensing) |

Display

| | |
|-------|--------------|
| H100B | LCD (128*64) |
|-------|--------------|

Charger Stand

| | |
|----------------|--------------------------|
| Input Voltage | 100 to 240V AC, 50/60 Hz |
| Output Voltage | 6 V DC |
| Output Current | 0.8 A |
| Output Power | 6.4 W |

Battery

Ni-MH Rechargeable Battery Package

| | |
|----------------------|-------------------------------------|
| Quantity | 1 |
| Total Rated Voltage | 4.8 V |
| Capacity | 1800 mAh |
| Typical Battery Life | 30 hours |
| Charge Time | 2.5 hours to 80% 4 hours to 100% |

Alkaline Batteries

| | |
|----------------------|----------------------------|
| Typical Battery Life | 4 pieces 1.5 V AA 48 hours |
|----------------------|----------------------------|

Measuring Parameter Specification

| | |
|---------------------|----------------|
| Measurement Range | |
| SpO2 | 0-100% |
| PR | 25-300 bpm |
| SpO2 Accuracy | |
| Adult (Pediatric) | +2% (70%-100%) |
| Neonate | +3% (70%-100%) |
| Pulse Rate Accuracy | |
| Adult/Pediatric | +3 bpm |
| Neonate | +3 bpm |
| SpO2 Resolution | 1% |
| PR Resolution | 1 bpm |