

# 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.









## H100B

#### Handheld Pulse Oximeter

#### **Mounting Solutions**









Carrying Bag

- 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 Pretoction IPX2

#### Size and Weight

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

#### **Environment**

Temperature

Working 5  $C\sim40$  C Storage/Shipping -20  $C\sim55$  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

