H100B

Pulse Oximeter

Main Unit Specification

Physical Specifications

 $160 \text{ mm(L)} \times 70 \text{ mm(W)} \times 37.6 \text{ mm(H)}$ Dimension

Weight 165 g (without battery)

Battery

Alkaline batteries

Quantity

Capacity

Typical operation time

Ni-MH rechargeable battery

Capacity 1500 mAh

Typical battery life 30 h or longer

Charge time No more than 2.5 h to 80%

No more than 4 h to 100%

Charger Stand

Model CS-01

(100 to 240) VAC, 50 Hz/60Hz, 0.4 A - 0.15 A Input voltage

Output voltage 6 VDC **Output current** $0.8\,\mathrm{A}$ Output power 4.8 W

Display

128×64 dot-matrix LCD, with white LED Screen Type

backlight

Large Numeric Mode SpO2, PR and Bar graph displayed

SpO₂, PR, Bar graph and Plethysmogram Waveform Mode

displayed

Data Storage

Data Storage 300 hours

Patient ID 100

SpO₂

Resolution

Adult and Pediatric: ±2% (70%~ 100%)

Undefined (0%~ 69%)

Undefined (0%~ 69%)

Pulse Rate

Measurement Range

Resolution Accuracy ±2 bpm



Safety Specifications

Compliant with IEC 60601-1:2005+A1:2012, EN 60601-Standards 1:2006+A1:2013, IEC 60601-1-2: 2014, EN

60601-1-2: 2015,

ISO 80601-2-56:2017+A1:2018, ISO 80601-2-61:

Type of Protection Internally powered equipment

Degree of Protection Type BF-Applied part

Ingress Protection IP22

Environmental Specifications

Temperature Working: $+0^{\circ}$ C to $+40^{\circ}$ C (32°F ~ 104°F)

Transport and Storage: -25°C to +70°C (-13°F \sim

Humidity Working: 15%RH to 95%RH (non-condensing)

Transport and Storage: 15%RH to 95%RH (non-

condensing)

Altitude Working: 70 kPa to 106 kPa

Transport and Storage: 70 kPa to 106 kPa

