H100B

Pulse Oximeter

Vargion 1.2

Main Unit Specification

Physical Specifications

 $\textbf{Dimension} \hspace{1.5cm} 160 \hspace{.1cm} mm(L) \times 70 \hspace{.1cm} mm(W) \times 37.6 \hspace{.1cm} mm(H)$

Weight 165 g (without battery)

Battery

Alkaline batteries

Quantity 4

Capacity 2600 mAl

Typical operation time 48 h or long

Ni-MH rechargeable battery

Capacity 1500 mAh

Typical battery life 30 h or longer Charge time No more than

No more than 2.5 h to 80% No more than 4 h to 100%

Charger Stand

Model CS-01

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

Output voltage 6 VDC
Output current 0.8 A
Output power 4.8 W

Display

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

backlight

Large Numeric Mode SpO₂, PR and Bar graph displayed

Waveform Mode SpO₂, PR, Bar graph and Plethysmogram displayed

Data Storage

Data Storage 300 hours

Patient ID 100

 SpO_2

Measurement Range 0% ~ 1009

Resolution 1%

Accuracy Adult and Pediatric: ±2% (70%~ 100%)

Undefined (0%~ 69%) Neonate: ± 3% (70%~ 100%) Undefined (0%~ 69%)

Pulse Rate

Measurement Range 25 bpm ~ 300 bpn

 Resolution
 1 bpm

 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

1:2006+A1:2013, IEC 60601-1-2: 2014, 60601-1-2: 2015,

00001-1-2. 2013,

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

158°F)

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

