

# EDAN



# H100N

## Handheld Pulse Oximeter

Embedded with the world-leading Nellcor OxiMax™ pulse oximetry technology, H100N is specially designed for high-acuity hospital divisions.

Measured Parameters: Nellcor OxiMax™ SpO<sub>2</sub> + PR + TEMP

**300 h**  
SpO<sub>2</sub> Review

**100**  
Patient ID



Easy Operation



Nellcor SpO<sub>2</sub> Sensor



Battery Charger Stand



Outpatient



Transport



Ward

Care for Health

# H100N

## Handheld Pulse Oximeter

### Mounting Solutions



Bed Rail Mount



Carrying Bag



Charger Stand

- Nellcor OxiMax™ inside
- 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 powered 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)×70 (W)×37.6(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)

### Battery

Ni-MH Rechargeable Battery Package	
Quantity	1
Total Rated Voltage	4.8 V
Capacity	1500 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

### Display

Screen Type	LCD (128*64)
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### Charger Stand

Input Voltage	100 to 240 V AC, 50/60 Hz
Output Voltage	6 V DC
Output Current	0.8 A
Output Power	4.8 W

### Measurement Range

SpO <sub>2</sub>	1%-100%
Pulse Rate	20-300 bpm
Perfusion Range	0.03%-20%
Temperature	0 °C~50 °C

### Resolution

SpO <sub>2</sub>	1%
Pulse Rate	1 bpm
Temperature	0.1 °C

### Accuracy

Saturation	
Adult	±2% (70%-100%)
Neonate	±3% (70%-100%)
Low Perfusion	±2% (70%-100%)
Pulse Rate	
Adult/Neonate	±3% (20-300 bpm)
Low Perfusion	±3% (20 - 300 bpm)
Temperature	25 °C~45 °C± 0.1 °C 0 °C~25 °C 45%-50% ± 0.2 °C

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