

ENDO PO-1

Handheld Pulse Oximeter



Outpatient



Transport



Ward



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As a handheld pulse oximeter, ENDO PO-1 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

- 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)
- Patient Care Viewer software for PC data management
- 4 x AA batteries for up to 48 hours of work

300 h
SpO₂ Review

100
Patient ID

- Rechargeable battery for up to 30 hours of work
- Optional battery charger stand
- Automatic power-off function for power saving



Features



Unique Sensor Design



Bed Rail Mount



Battery Charger Stand



Carrying Bag

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Specifications

1. 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

2. Specifications

2.1 Size and Weight

Size	: 160 (L) x 70 (W) x 37.6 (H) (mm)
Weight	: 165 (g) (without battery)

2.2 Environment

Temperature :	
Working	: 5° C ~ 40° C
Storage	: -20° C ~ 55° C
Humidity :	
Working	: 25% ~ 80% (no coagulate)
Storage	: 25% ~ 93% (no coagulate)

2.3 Display

ENDO PO-1: 128*64 dot - matrixes LCD

2.4 Charger Stand

Input voltage	: 100 to 240 VAC, 50/60 Hz
Output voltage	: 8 VDC
Output current	: 0.8 A
Output power	: 6.4 W

2.5 Battery

Ni - MH rechargeable battery package	
Quantity	: 1
Total rated voltage	: 4.8 V
Capacity	: 1800 mAh
Typical battery life	: 36 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

3. Measuring Parameter Specification

Measurement range	
SpO ₂	: 0 ~ 100%
PR	: 30 ~ 254 bpm
Accuracy Tolerance	
Saturation	
Adult and Pediatric	± 2 digits (70 ~ 100%)
Neonate	± 3 digits (70 ~ 100%)
Pulse Rate	
Adult and Pediatric	± 3 digits
Neonate	± 3 digits
Resolution	
SpO ₂	: 1%
Bpm	: 1 bpm



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