

OXCYON II

TABLE TOP PULSE-OXIMETER

Adult • Pediatrics • Neonates



- Accurate during motion and low perfusion
- Audible and visual alarms
- Optional integrated printer
- 24 hour battery life, with low battery indicator
- SpO2, pulse rate, alarm, plethymographic waveforms display and up to 72 hours of patient trends.
- Monitors adult, pediatrics and neonates
- Manage data on PC via USB
- Bright LCD with large digital numerics
- BCI compatible probe

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OXCYON II TECHNICAL SPECIFICATIONS

Measurement Range

Pulse rate: 25 to 250 bpm
%SpO2: 0 to 100%
Perfusion: 0.1 to 20%

Saturation Accuracy

Without motion Adult: 70% to 100% ± 2 digits
Neonates: 70% to 100% ± 3 digits
With motion Adult: 70% to 100% ± 3 digits
Neonates: 70% to 100% ± 4 digits

Pulse Rate Accuracy

Without motion: 25 to 250 bpm ± 3 digits
With motion: 25 to 250 bpm ± 5 digits

Instrument

AC Power requirements: 100 to 240 VAC, 50/60Hz
Power Consumption: 24 VA
Fuse Rating: 1 Amp, 250V

Battery

Type: Li-ion
Capacity: up to 24 hours
Charging time: 5 hours

Environmental

Operating Temperature: 5°C to 40°C
Storage Temperature: -20°C to 70°C
Operating Humidity: 5% to 95%
Operation Altitude: -1,000 ft to 12,000 ft

Physical Characteristics

Weight: main 650g, adaptor 550g
Dimensions: 24.5cm x 24.5cm x 8.5cm
Equipment Classification: IEC 60601-1

EN865
EN/IEC 60601-1-2

Alarms: Audible and visual alarms for high and low saturation, pulse rate, sensor condition, system failure and low battery

Display/Indicators: Type - grey / blue LCD
Pixels - 240 x 64 dots
Dot Pitch - 0.53mm

Data display: %SpO2, pulse rate, %SpO2 limits, pulse rate limits, pleth waveform, alarm status, trends, Battery status, time

Output Interface: Serial USB

Trend Memory: Saturation and pulse rate memories (72 hours maximum)

Standard Accessories: Reusable adult spo2 sensor

Option: External thermal printer



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