

PM-50 Pulse Oximeter

Technical Specifications

Description

The PM-50 pulse oximeter is intended for noninvasive spot-check measurement of functional oxygen saturation of arterial hemoglobin (SpO₂).

Patient Range

Adult, Pediatric and Neonatal

SpO₂

Range 0-100%
Resolution 1%
Accuracy (70-100%) ±2% Adult, Pediatric
±3% Neonate
Method unspecified (0%-69%)
Dual wavelength LED

Heart (Pulse) Rate

Range 25-254bpm
Resolution 1bpm
Accuracy ±2bpm

Display

Type Backlit LCD
Parameters SpO₂; PR; Pleth. bar
Status Standby; Communication; Download
Information Patient ID; Indicator of data storage;
Low power; Error

Mechanical

Weight 130g without batteries
Size 140 x 65 x 31mm

Battery

Type 4 AA Alkaline batteries or
4 AA rechargeable
batteries

Life Approximately 15 hours for normal
measurement status

Environmental

Operating Temperature 0 - 50°C
Storage Temperature -20 - 60°C
Operating Humidity 15%RH - 95%RH
Storage Humidity 10%RH - 95%RH

Classification

Type of Protection Internally powered equipment
before
Degree of Protection IEC 60601-1, EN 865, ISO 14971
Safety

Storage

Patient ID Up to 100
Data records Up to 200

System Output

Com Port RS-232
Auxiliary Software Record management and data
Printing through PC



Probe Options



Multi-functional



Adult



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