



PM-50 Pulse Oximeter

- Suitable for adult, pediatric and neonatal patients
- Convenient size and weight for spot check monitoring
- Automatic Standby and Power-off
- Stores up to 100 patient IDs and 200 measurements
- Data transfer to PC for storage or printing
- Convenient AA size alkaline or rechargeable batteries

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%) $\pm 2\%$ Adult, Pediatric
 $\pm 3\%$ Neonate
unspecified (0%-69%)
Method Dual wavelength LED

Pulse Rate

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

Display

Type Matrix LCD
Parameters SpO₂; PR
Status Standby; Communication; Download
Information SpO₂, PR, Pulse strength, ID number, Memory Full, ID Full, Low battery, Standby, Communication, Technical error

Mechanical

Weight 130g without batteries and sensors
Size 65 x 140 x 32mm(WxHxD)

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(noncondensing)
Storage Humidity 10%RH - 95%RH(noncondensing)

Classification

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

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



Selectable Probes



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