

M700

Pulse Oximeter



M700

Pulse Oximeter

- ★ Handhold design, Compact, light for carrying and handling
- ★ Bright, easy-to-read LED numerals
- ★ Advanced digital processing technology,
- ★ Accurate measurement during low perfusion.
- ★ Anti-movement, stable performance
- ★ Suitable for adult, pediatric and neonatal patients
- ★ Convenient AA size alkaline or rechargeable batteries
- ★ 4 AA batteries provide 24 hours of continuous operation
- ★ Parameter : Digital SPO₂, Pulse Rate , Pulse bar



Technical Specifications

Safety standards

- ★ IEC60601-1:1988
- ★ IEC60601-1-8:2005
- ★ GB9706.1-1995
- ★ ISO 9919:2005
- ★ Type of protection: Internally powered equipment
- ★ Degree of protection : Type BF-Applied part

Mechanical

- ★ Dimension : 141mm (W) x 27mm (H) x 74mm(D)
- ★ Weight : 120g (without battery)

Battery

- ★ Type: 4 AA Alkaline batteries or
4 AA Rechargeable batteries
- ★ Life: Approximately 24 hours for normal measurement status

Display

- ★ SpO₂: 3-digit 7-segment 0.39 inch numeric LED, Red
- ★ Pulse Rate: 3-digit 7-segment 0.32 inch numeric LED, Green
- ★ Power indicator: 3mm (diameter) LED, bi-color
- ★ (normal: green / battery low: yellow)
- ★ Pulse Quality : 8-segment LED bar , Red
- ★ Low Perfusion: part of the 8-segment LED bar, Red

Sound

- ★ Type : single tone
- ★ Probe off alarm : interval 20 second.
- ★ Pulse indication
- ★ Battery low indication
- ★ Switch indication



Membrane Switch

- ★ Numbers of switch: 5
- ★ Power : on / off (press & hold longer than 1 sec.)
- ★ Status: Normal / Power save
- ★ Sound : on / off
- Up : select function
- Down : select function
- Patient Range:
- Adult, pediatric and neonatal patients

BLT Digital SPO₂ (Pulse Oximetry)

- ★ Range: 0-100%
- ★ Accuracy: $\pm 2\%$ (70%~100%);
 $\pm 3\%$ (35%~ 69%)
Unspecified (0~40%)
- ★ Range & Accuracy of Pulse Rate : 25~250BPM ± 1 BPM
- Pulse Rate
- Measurement range: : 25~250bpm
- Resolution : 1bpm
- Accuracy: $\pm 2\%$ or ± 1 BPM (whichever is bigger)

Environmental:

- ★ Temperature:
- Operation 5°C-50°C
- Storage / Transportation : -40°C-70°C
- ★ Humidity:
- Operation: 0%~85%, noncondensing
- Storage / Transportation : 0%~95% noncondensing
- ★ Atmospheric Pressure:
- Operation: 860~1060hPa,
- Storage / Transportation : 500~1060hPa

Optional

Nellcor SPO₂

* Specification subject to be changed without notice

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