

Handheld Pulse Oximeter

Model: AH-MX

The **lifebox** pulse oximeter is a robust hand held device suitable for use in the operating room, recovery unit and ward areas. It has a clear display and is available with a variety of probes to make it suitable for all ages. It is both battery and mains powered. The oximeter was selected for **lifebox** by a panel of experts from the WHO and the WFSA, and is available at a low price for distribution to medical facilities and hospitals in low and lower-middle income countries.



Features

- Light and compact handheld design
- High resolution, 2.4" color display
- Rotating screen for maximum clarity
- Visual & sound alarms
- IPX1 level protection against liquids
- Uses AA size alkaline or rechargeable batteries
- Supplied with clip and case to attach to pillow

Technical Specifications

Patient Range

Adult, Pediatrics and neonatal patients

Digital SpO₂

Range 0 - 100%
Resolution 1%
Accuracy 70% to 100%: $\pm 2\%$
Refreshing rate < 13 seconds
Pitch Tone Yes

Pulse Rate

Range 25 - 250 bpm
Resolution 1 bpm
Accuracy $\pm 2\%$ or ± 1 bpm, whichever is the greater
Refreshing rate < 13 seconds

Display

Type 2.4" color display 320 x 240 pixels

Parameter

Digital SpO₂, Pulse Rate, Pleth bar & SpO₂ waveform

Alarm

Audible alarm, audible button tone
Supports Pitch Tone and multi-level volume
Alarm tones meet the requirement of IEC 60601-1-8

Appearance

Dimension 123mm (H) x 58.5mm (W) x 28mm (D)
Weight < 200g

Data Storage

Display Trend table
Trend interval 2 seconds to 30 minutes
Trend parameter PR, SpO₂
Trend data spot-check mode: ID from 1 to 99,
300 records for each ID

Battery

Type 3 AA Alkaline batteries or
NI-MH rechargeable battery (optional) or
Lithium ion rechargeable battery (option)
Runtime 14 hours standard use

Nellcor SpO₂ probe-compatible

Safety Standards

CE classification: IIb
Type of protection against electric shock: II, with internal power device
Degree of protection against electric shock: CF
Degree of protection against ingress of liquid: IPX1

* Specification change without notice in advance



FDA CE0434 ISO 13485:2003



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