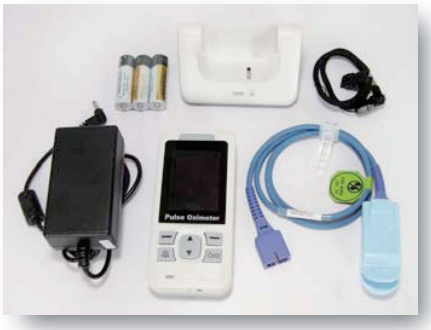
Handheld Pulse Oximeter

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 SpO_2

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

Pulse Rate

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

Display

Type	2.4" color display 320 x 240 pixels

Parameter
Digital SpO_2 , Pulse Rate, Pleth bar & SpO_2 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, SpO_2
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 SpO_2 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 CE 0434 ISO 13485:2003

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