

# 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<sub>2</sub>

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<sub>2</sub>, Pulse Rate, Pleth bar & SpO<sub>2</sub> 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<sub>2</sub>  
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<sub>2</sub> 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



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