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%: ±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 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
123mm (H) x 58.5mm (W) x 28mm (D)

Weight
< 200g

Data Storage
- Trend table

Display
- 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 (optional)
- 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