

M70

Fingertip Pulse Oximeter



- ✿ "All-in-one" integrated finger device
- ✿ Simple operation for immediate, real-time spot check
- ✿ Reliable accuracy and durability
- ✿ 24 hours of continuous use
- ✿ Automatic power-off
- ✿ Rotating display



General:

Safety standards

- IEC 60601-1:1988 ISO 9919:2005(E) IEC 60601-2
- Type of protection: internally powered equipment
- Degree of protection: Type BF - applied part

Mechanical

- Dimension: 57mm (W) x 33mm (H) x 30mm (D)
- Weight: Approximate 55g (with battery)

Measurement at low perfusion

- The values of SpO2 and pulse rate can be displayed accurately when pulse saturation is at 0.3%

Resistance to surrounding light

- The difference between the values measured in indoor natural light and that of a darkroom is less than $\pm 1\%$

Resistance to inference of man-made light

- The difference between the values measured in man-made light and that of a darkroom is less than $\pm 1\%$

Automatic shutdown function

- The device will power off automatically in 8 seconds when there is no finger in the device

Display

- M70 display format: OLED
- Resolution: 128*64
- Parameter: SpO2 pulse rate, Pulse intensity bar graph, Battery capacity indication, Pleth waveform
- Display mode: Two direction, Short press power button changes direction of the display

Performance:

BLT Digital SpO2 (Pulse Oximetry)

- Range: 0 ~ 100%
- Resolution: 1%
- Accuracy: $\pm 2\%$ (70% ~ 100%)
- Unspecified (<70%)

Pulse Rate

- Measurement range: 25bpm ~ 250bpm
- Resolution: 1bpm
- Accuracy: $\pm 1\%$ or $\pm 1\text{bpm}$ (whichever is bigger)

Power

- Power supply requirement: 2 AAA Alkaline batteries
- Operating current: <40mA
- Life: approximate 24 hours continuous working time

Environmental

- Temperature:
 - Operation: 0°C ~ +40°C
 - Storage: -20°C ~ +55°C
- Humidity:
 - Operation: 0% ~ 85%, non-condensing
 - Storage: 0% ~ 93%, non-condensing
- Atmospheric pressure:
 - Operation: 860hPa ~ 1060hPa
 - Storage: 500hPa ~ 1060hPa

Standard Accessories

- 2 AAA Alkaline batteries
- Operating manual
- Lanyard



NOTE: The specifications subject to change without prior notice.