

M70

Fingertip Pulse Oximeter



- ✿ "All-in-one" integrated finger device
- ✿ Simple operation for immediately, real-time spot-checks
- ✿ Reliable accuracy and durability
- ✿ 24 hours continuous use
- ✿ Automatic power-off design
- ✿ Can easily change direction of 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 properly when pulse saturation is at 0.3%

Resistance to surrounding light

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

Resistance to interference of man-made light

- The difference between the value measured in the condition of man–made light and that of 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 can change 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 requirment: 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%,noncondensing
 - Storage : 0%~93%,noncondensing
- Atmospheric Pressure:
 - Operation: 860hPa~1060hPa,
 - Storage : 500hPa~1060hPa

Standard Accessory

- 2 AAA Alkaline batteries
- Operating manual
- Hang string

NOTE: The specifications subject to change without prior notice.