

70 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

ISO 9919:2005(E) - IEC 60601-1:1988 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 ±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 ±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: ±1% or ±1BPM (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: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Humidity:

Operation: 0%~85%, noncondensing Storage: 0%~93%,noncondensing

- Atmospheric Pressure:

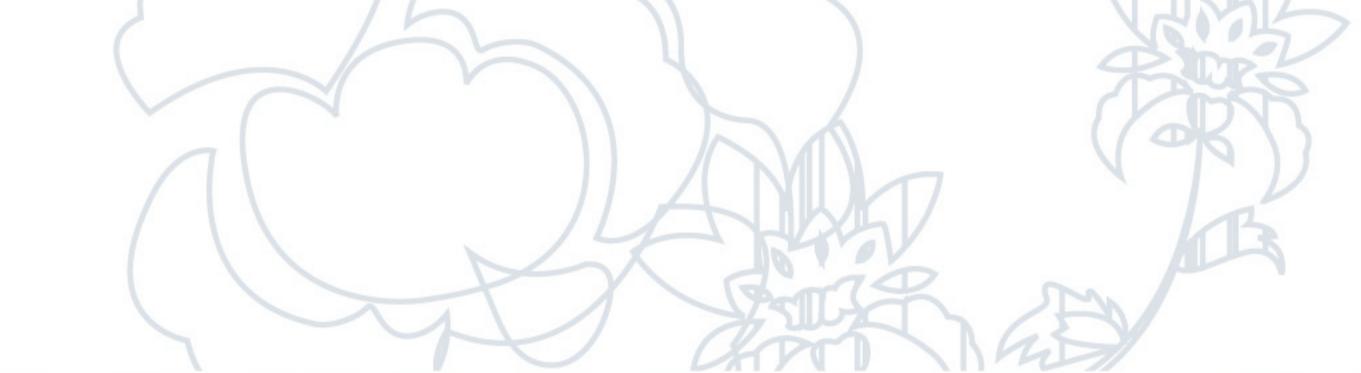
Operation: 860hPa~1060hPa, Storage: 500hPa~1060hPa

Standard Accessory

2 AAA Alkaline batteries

Operating manual

Hang string



NOTE: The specifications subject to change without prior notice.



Http://www.blt.com.cn

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