AT101
Fingertip Oximeter

The Lightest OLED Oximeter
powered with only one AAA Battery

5-Directional Key	Ingress Protection	Graphic Color OLED	Micro-USB Port
Screen in 90° 180°270°360°	Alarm Function	Auto On/off	Powered by One Battery

Integrate all needs in " fingertip size "

AT101 orientates to adapt different users and fulfill all the needs within a compact size device. From the performance aspect, AT101 provides an accurate measurement result in seconds. In the same time, its versatile housing design can accommodate with the widest range of finger sizes from different populations. Furthermore, with combination of the latest electronics technology, AT101 is also presented with the most friendly interface to users and environments.

Product Features

▶ Simple operation

- Automatically turn on for immediate spot-checks;
- Color OLED and graphic display for conveniently viewing;
- Five directional keys for easy setting.

▶ Alarm

Adapt both audio and visual alarm for abnormal oximetry and pulse reading.

▶ Efficient power consumption

Extreme energy saving design and environment friendly.
(one AAA Alkaline battery for 18-hour continuous use)

▶ Built-in timer

Built-in stop watch function along with Spo2 measurement for breath counting or sporting usage.

Specifications

Models	AT101 I (Bluetooth)	AT101 B	AT101 C
Pulse Oximetry			
Range	0% to 100%		
Resolution	1%		
Accuracy	70% to 100% range: ±2%;		
Method	less than 70%: unspecified Dual wavelength LED		
Heart (Pulse) Rate			
Range	30 to 250bpm		
Resolution	1bpm		
Accuracy	±1bpm or ±1%, whichever is greater		
Input & Output			
Auto on/off	Whenever user inserts a finger, the device will turn on automatically. Vise versa, the device will turn off automatically, when the finger is removed from it.		
LCD display	Full Color OLED		
Input Key	A push-down key for interface operation	A 5-directional key for interface operation	A push-down key for interface operation
Alarm option	Yes	Yes	No
Alarm setting	Low SpO2 alarm: setting range: 50%~ 95%; High SpO2 alarm: setting range: 80%~ 100%; Low heart rate alarm: setting range: 30BPM ~ 110BPM; High heart rate alarm: setting range: 75BPM ~ 250BPM		
Mechanical			
Weight	Without battery: < 26g (0,92 ounces)		
Size	L67.5mm(2.63") x W38mm(1.48") x H25mm(0.98")		
Battery			
Type	1 AAA Alkaline battery		
Usage life	Auto on/off features , >18-hour typical operation		
Environmental			
Operating Temperature	5º to 40º C;41ºF to 104º F		
Storage Temperature	-30º to 70º C; -22º to 158º F		
Humidity	10% to 90%, non-condensing for both operating & storage		
Atmospheric Pressure	700 hPa ~ 1013 hPa for both operating and storage		
Classification			
Degree of Protection	Type BF Applied part		
Ingress Protection	IP22		
Mode of operation	Continuous use	Continuous use	Spot Check
Safety	IEC60601-1		
EMC	IEC60601-1-2		
Performance standard	ISO80601-2-61		
Standard Package			
Package Dimension	L75mm(2.95") x W60mm(2.36") x H35mm(1.38")		
Accessories	User manual X 1, AAA battery X 1		
Optional Accessories	Neck Strap (Black); Belt pouch (Black)		
Wireless connection	Bluetooth 4.0 BLE	N/A	N/A

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