

Specifications

Classifications		
EC Directive	MDD, 93/42/EEC	
	R&TTE, 1999/5/EC	
	ROHS 2.0, 2011/65/EU	
Degree protection against electrical shock	Type BF	
Environmental		
Item	Operating	Storage
Temperature	5 to 40°C	-25 to 70°C
Relative humidity (noncondensing)	10% to 95%	10% to 95%
Barometric	700 to 1060 hPa	700 to 1060 hPa
Degree of dust & water resistance	IP22	
Physical		
Weight	Less than 50 g (main unit)	
Display	0.69" OLED	
Connector	Micro D connector	
Wireless connectivity	Built-in <i>Bluetooth</i>	
Power Supply		
Charge input:	DC 5V \pm 10%	
Battery type	Rechargeable lithium-polymer battery	
Battery run time	Sleep Mode: > 20 hours Activating Mode: > 12 hours	
Charge time	Less than 2 hours to 90%	
Battery cycle life	500 cycles	

Specifications

SpO₂	
Standards	Meet standards of ISO 80601-2-61
Measurement accuracy verification: The SpO ₂ accuracy has been verified in human experiments by comparing with arterial blood sample reference measured with a CO-oximeter. The pulse rate accuracy has been verified by ECG Signal Emulator. Pulse oximeter measurement are statistically distributed and about two-thirds of the measurements are expected to come within the specified accuracy range compared to CO-oximeter measurements.	
SpO ₂ range	70% to 100%
SpO ₂ Accuracy (Arms)	80-100%:±2%, 70-79%:±3%
PR range	30 to 250 bpm
PR accuracy	±2 bpm or ±2%, whichever is greater
Sleep Recording	
Recording time	Up to 20 hours
Data storage	SpO ₂ , pulse rate
Measurement summary	O ₂ score, Total duration, <90% STAT, Average saturation, Lowest saturation, Summary(No abnormal detected, blood oxygen drop detected, Unable to analyze)
Pedometer	
Range	0 to 99999 steps
Vibrator	
Event	Steps, low oxygenation
Threshold	Oxygenation: 80% to 90%, adjustable Steps: 0 to 99999, adjustable
Mobile APP	
Operating system	IOS 9.0 or above, Android 4.0 or above
IOS Capability	iPhone 4s and models launched subsequently; iPad 3 and models launched subsequently;
Android Capability	Mobile phone or pad with <i>Bluetooth</i> 2.1 or above
Functionality	Data export, data review, data sharing