



**Fingertip
Pulse Oximeter**

**Experience the
Accuracy**



Happier Living Everyday



Auto-Rotate Screen

Auto rotating color OLED screen for real time display of SpO2, PR and Perfusion Index with plethysmograph



Low Battery Indication

Visual indication of low battery alerts user to change the battery and avoids incorrect readings due to low battery.



High coverage Finger Pad

Suitable for wide range of finger size with enhanced comfort.



Color-changing visual alerts

Parameter colour changes to red in case of hi/low measurement readings



Energy Efficient

Low power consumption & automatic shut off function enhances battery life



Compact Design

Compact and lightweight, easy to operate and convenient in carrying





Product Specifications

Description	Fingertip Pulse Oximeter
Model	BPL Smart Oxy03
Display	Colour OLED Display
Measurement Range	SpO2 : 35 to 100% Pulse Rate : 30 to 250bpm
Resolution	SpO2 : 1% Pulse Rate : 1bpm
Accuracy	SpO2 : $\pm 2\%$ (90-100%), $\pm 3\%$ (70-90%), Unspecified: $\leq 70\%$ Pulse Rate : $\pm 1\%$ or $\pm 3\text{bpm}$ whichever is higher
Power Requirement	2 \times AAA 1.5V Alkaline batteries
Battery backup	1-1.5 hours continuously
Power Consumption	30mA - 80mA
Mode of Operation	Continuous operation
Optical Sensor	Red light : wavelength is 657 - 663nm, 7.0mW Infrared Light : wavelength is 900 - 910nm, 55mW
Operating Condition	Temperature : $+5^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ Humidity : $\leq 80\%$ (Non-condensing) Atmospheric Pressure : 86kpa to 106kpa
Storage Condition	Temperature : -20°C to 55°C Humidity : $\leq 93\%$ (Non-condensing) Atmospheric Pressure : 70kpa to 106kpa
Dimensions	58.8mm \times 36mm \times 34mm (L \times W \times H)
Weight	54g (Including battery)
Classification	Anti-electric shock type : Internally powered equipment Anti-electric shock degree: Type BF equipment
Ingress Protection	IP22

*Technical specification subject to change

CERTIFIED ISO 13485 : 2016 COMPANY

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