



**Fingertip
Pulse Oximeter**



Happier Living Everyday

Experience the Accuracy



Multi-Direction Display

Four directional colour OLED display provides clear view of SpO₂, PR and Perfusion Index with plethysmograph



Quick & Accurate

Enhanced SpO₂ accuracy during motion & extremely low signal condition



Clinical Alert function

Visual and audible alarm indication alerts user in case of hi/low measurement readings



Low Battery Indication

Visual indication of low battery alerts user to change the battery



Compact Design

Light and compact, convenient in carrying and suitable for wide range of finger size



Energy Efficient

Low power consumption & automatic shut off function enhance battery life





Product Specifications

Model	BPL Pulse Oxy02
Display	Colour OLED Display
Measurement Range	SpO2 : 0 – 100% Pulse Rate : 30 – 250bpm
Resolution	SpO2 : 1% Pulse Rate : 1bpm
Accuracy	SpO2 : $\pm 2\%$ (70 to 100%), Unspecified: $\leq 70\%$ Pulse Rate : $\pm 2\text{bpm}$ (30 to 99bpm), $\pm 2\%$ (100 to 250bpm)
Low perfusion	0.40%
Power Requirement	2 × AAA 1.5V Alkaline battery
Battery backup	20hours
Power Consumption	<30mA
Mode of Operation	Continuous operation
Optical Sensor	Red light : wavelength is 660nm, 6.65mW Infrared : wavelength is 880nm, 6.75mW
Operating Condition	Temperature : $+10^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ Relative Humidity : $\leq 75\%$ Atmospheric Pressure : 500hpa to 1060hpa
Storage Condition	Temperature : -40°C to 60°C Relative Humidity : $\leq 95\%$ Atmospheric Pressure : 700hpa to 1060hpa
Dimensions	60mm × 30.5mm × 32.5mm (L × W × H)
Weight	50g (Including battery)
Classification	Anti-electric shock type : Internally powered equipment Anti-electric shock degree: Type BF equipment EMC : Type B class I
Ingress Protection	IPX1

*Technical specification subject to change

CERTIFIED ISO 13485 : 2016 COMPANY

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