



PATIENT MONITORS

# Pulse Oximeter | PO-100B+

Accurate and Reliable

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## Accurate and Reliable

Accurately determine your SpO<sub>2</sub> (blood oxygen saturation levels), Fast SpO<sub>2</sub> readings, pulse measurements and display it conveniently on a large digital LCD display.

## Key Features



LCD display with  
back light control



Powerful Data  
Storage Capacity



Built in rechargeable  
battery



Two years  
warranty

- » Adult, Pediatric and Neonatal Patients
- » Real time clock
- » Numerical and graphical trend information
- » Data transfer to PC
- » Storage capacity up to 360 hours
- » Comprehensive alarm system

- » Pulse and Alarm volume
- » Numeric Arterial Oxygen Saturation (SpO<sub>2</sub>)
- » Pulse Rate (PR) SpO<sub>2</sub>
- » SpO<sub>2</sub> plethysmographic waveform
- » Supports reusable and disposable sensors
- » USB Power Supply

Manufactured in accordance with  
ISO 13485:2016 Quality Standard

# Technical Specifications

<b>Physical Specifications</b>	Dimensions Weight	142x78x28 mm 250 gr without battery
<b>Display</b>	Screen Size Big Numeric Mode Waveform Mode	2.8" Color TFT LCD SpO2, PR and Bar graph displayed SpO2, PR, Bar graph and Plethysmogram displayed
<b>Parameter Specification</b>	SpO2 Measurement Range Range Pulse Rate SpO2 Accuracy Pulse Rate Accuracy SpO2 Resolution Pulse Rate Resolution	35 - 100% 25 - 250 BPM Adult/Pediatric $\pm 2\%$ (70% - 100%) Neonate $\pm 3\%$ (70% - 100%) Adult/Pediatric $\pm 2$ Bpm Neonate $\pm 3$ Bpm 1% 1 BPM
<b>Power</b>	Input Voltage	100 ~ 240V AC, 50/60 Hz
<b>Rechargeable Battery</b>	Rechargeable Battery Total Rated Voltage Capacity Typical Operation Time	Ni-MH Rechargeable Battery 3.6v 1800 mAh 15 Hours
<b>Battery</b>	Alkaline Batteries Typical Operation Time	4 Pieces, 1.5v AAA 15 hours
<b>Classification</b>	Type of Protection EMC Compliance Degree of Protection Operation Mode Enclosure Protection	Internally Powered Equipment (On Battery Power) Class B Type Bf-applied Part Continuous IPX2
<b>Environment</b>	Working Temperature Storage Temperature Shipping Temperature Working Humidity Storage Humidity Shipping Humidity	5°C ~ 40°C -20°C ~ 55°C -20°C ~ 55°C 15% - 85% (Non Condensing) 10% ~ 95% (Non Condensing) 10% ~ 95% (Non Condensing)



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Advanced Instrumentations manufactures leading medical technology equipment in the areas of anesthesia, cardiology, operating room, gynecology and obstetrics, IV therapy, patient monitors, hospital furniture, neonatology and ultrasound. We deliver to the healthcare industry the highest-quality standards, reliability, and patient safety in all our products through effective, and rigorous testing procedures by our own department of Biomedical Engineering in the United States. All of our equipment comes with 2 years warranty and excellent post-sale support services.

Advanced Instrumentations Inc. complies with the requirements of the ISO standards 13485-2016 following the audit by one of the most prestigious global certification companies, as it is the SGS. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the Health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.

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