

Pulse Oximeter PO-100B

PAT



Patient Monitors

Patient Monitor

Accurate and Reliable

PO-100B Pulse Oximeter

Accurately determine your SpO₂ (blood oxygen saturation levels), Fast SpO₂ readings, pulse measurements and display it conveniently on a large digital LCD display.

- LCD display with back light control.
- Adult, Pediatric and Neonatal Patients
- Real time clock
- Powerful Data storage Capacity
- Numerical and graphical trend information
- Data transfer to PC
- Patient ID-No. (100 Patients)
- Comprehensive alarm system
- Pulse and Alarm volume
- Selectable sensitivity
- Numeric Arterial Oxygen Saturation (SpO₂)
- Pulse Rate (PR) SpO₂
- SpO₂ plethysmographic waveform
- SpO₂ pulse tone modulation
- Supports reusable and disposable sensors
- Built in rechargeable battery
- Charger Power Supply: AC 100~240 Volts 50/60 Hz
- Meets IEC 60601-1:1998+A1:1991+A2:1995 Safety Standard
- Meets IEC 60601-1-2:2001+A1:2004 Safety Standard
- Meets ISO 13485 Quality Standard
- Two years warranty



2 YEARS
warranty

Technical Specifications

Physical Specifications	Dimensions Weight	160(L) X 70 (W) X 37.6 (H) (Mm) 165 Grams (Without Batteries)
Display	Resolution Big Numeric Mode Waveform Mode	128x64 dot-matrix LCD SpO2, PR and Bar graph displayed SpO2, PR, Bar graph and Plethysmogram displayed
Parameter Specification	SpO2 Measurement Range Pulse Rate SpO2 Accuracy Neonate Pulse Rate Accuracy Neonate SpO2 Resolution Pulse Rate Resolution	0 - 100% 25 - 300 BPM Adult (Including Pediatric) $\pm 2\%$ (70% - 100%) $\pm 3\%$ (70% - 100%) Adult(Including Pediatric) ± 3 Bpm ± 3 Bpm 1% 1 BPM
Power	Input Voltage Output Voltage Output Current Output Power	100 ~ 240V AC, 50/60 Hz 8V DC 0.8A 6.4W
Charger Stand*	Rechargeable Battery Total Rated Voltage Capacity Typical Operation Time Charge Time	Ni-MH Rechargeable Battery Package* 4.8v 1800 mAh 36 Hours 2.5 Hours to 80% - 4 Hours to 100%
Battery	Alkaline Batteries Typical Operation Time	4 Pieces, 1.5v AA 48 Hours
Classification	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
Environment	Working Temperature Storage Temperature Shipping Temperature Working Humidity Storage Humidity Shipping Humidity	5°C ~ 40°C -20°C~ 55°C -20°C ~ 55°C 25% - 80% (Non Condensing) 25% ~ 93% (Non Condensing) 25% ~ 93% (Non Condensing)
Atmospheric pressure	Working Transport Storage	860 hPa ~ 1060 hPa 700 hPa ~ 1060 hPa 700 hPa ~ 1060 hPa
*Included		

2018 Advanced Instrumentations Inc., is a U.S.A registered company – All rights reserved.

All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice or obligation. Advanced Instrumentations reserves the right to make changes to this document and the product described herein, at any time, without obligation on Advanced Instrumentations to provide notification of such change. Actual description and specification of the product in this document may be different. Images shown here are for representational purpose only, actual may vary.

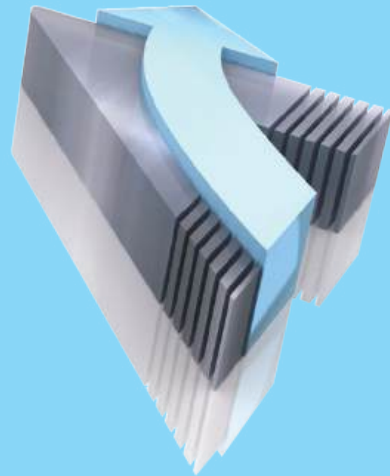
Advanced and Advanced Instrumentations trademarks and logos shown are property of Advanced Instrumentations Inc.

Success Through Quality/Since 1988

Advanced Instrumentations Inc.
Success Through Quality,
a Company You Can Trust

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 13585-2016 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.



6800 N.W. 77 Court,
Miami, FL 33166
U.S.A.
Phone: 305-477-6331
Fax: 305-477-5351

For additional information visit us at:
www.advanced-inst.com