

Vital Signs Monitor VSM-300

PAT



Patient Monitors

VSM - 300

Vital Signs Monitor

Changing the way vitals are captured and documented to enhance clinical decision-making, improve patient safety and minimize risk.

Features

High Resolution Color TFT LCD Display.

Adult, Pediatric and Neonatal Patients.

Nurse Call function.

Bidirectional communication with Monitoring Central Station.

Bidirectional communication by wired or wireless network.

Lightweight and portable design

Extended trend information.

Comprehensive alarm system

Arterial Oxygen Saturation (SpO₂)

Pulse Rate (PR) SpO₂

SpO₂ plethysmographic waveform.

SpO₂ pulse tone modulation.

Systolic Blood Pressure (SYS) NIBP

Diastolic Blood Pressure (DIA) NIBP

Mean Arterial Pressure (MAP) NIBP

Pulse Rate (PR) NIBP

Temperature.

Thermal Recorder. (optional)

Barcode Scanner Support. (optional)

USB Ports for storage and RJ-45 Ethernet port.

Built in rechargeable battery.

Power Supply: AC 100~240 Volts 50/60 Hz.

Meets IEC 60601-1-2:2001+A1

Meets ISO 13485 Quality Standard

Meets FDA 510(k) requirements.

Two years warranty.



2 YEARS
warranty

Technical Specifications

Physical Specifications	Dimensions Weight	200.8mm (L) x 241mm (H) x 189mm (D) 3.5kg (with battery)
Display	Display Resolution	5.7 " inches, LCD, Color TFT 640 X 480
NIBP	Method Mode Continuos Interval In Auto Mode Measurement Type Pr Measuring Range Resolution Accuracy Entire Measuring Period Maximum Standard Deviation Maximum Mean Error Pressure Resolution Cuff Pressure Measuring Range	Oscillometric Manual /Automatic / Continuous 5min, interval is 5s Measuring 1/2/3/4/5/10/15/30/60/90/120/240/480 minutes Systolic Pressure, Diastolic Pressure, Mean Pressure 40~240bpm 1bpm ±3bpm Or 3.5% Of The Maximum 30~45s Typical (Depend On Hr/motion Disturbance) 8mmhg 5mmhg 1mmhg 0~290mmhg
Dual Overpressure Protection	Adult Pediatric Neonatal	297±3mmhg 240±3mmhg 145±3mmhg
NIBP Measuring Range	Adult Mode Pediatric Mode Neonate Mode	SYS 40~270mmHg / DIA 10~215mmHg / MAP 20~235mmHg SYS 40~200mmhg / DIA 10~150mmhg / MAP 40~135mmhg SYS 40~135mmhg / DIA 10~100mmhg / MAP 20~110mmhg
SPO ₂	Measurement Alarm Range Resolution Updated Period Accuracy Pulse Rate Measurement Alarm Range Accuracy	0-100% 0-100% 1% 2s ±3bpm 30 - 300 Bpm 30 - 300 Bpm (including Pediatric) ±2% (70-100% SpO ₂) Neonate ±3% (70-100% SpO ₂)
Infrared Temperature	Measuring Range Probe Type Resolution Alarm Range Accuracy Monitor Mode Response Time Working Temperature	34° ~ 44.2° C Ear Infrared Sensor 0.1° C 35.5°C ~ 42°C +/-0.2°C (35.5°C ~ 42°C) - +/-0.3°C 1 seg 10°C ~ 40°C
Energy	Power Supply Voltage Working Period Rechargeable Period	100-240 VAC, 50/60HZ; Pmax= 70VA; FUSE T 1.6AL 14.8 V DC Capacitance: 4,400 mAh 480min 300min
Data Storage	Trend NIBP Trend List Alarm list	72 hours, at 1 min resolution 30,000 groups 800 groups
Printer	Recorder Time Paper Speed	300min (Thermal Printer Optional) 25mm/s
Environment	Working Temperature Transport and Storage Humidity	+5 C ~ +40 C -20 C ~ +55 C 25% ~ 80% (non-condensing)

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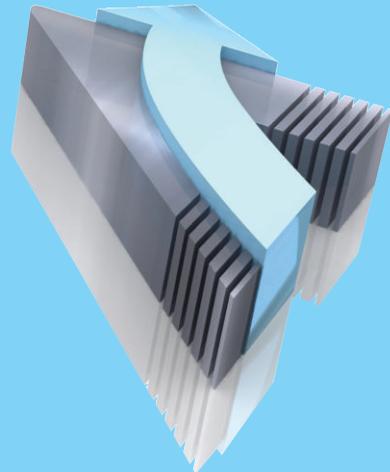
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Advanced Instrumentations Inc. complies with the requirements of the ISO standards 13585-2016 following the audit by one of the most prestigious global certification companies, as it is the SGS. We comply with the requirements and are audited by the 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.



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