

iPM800

Patient Monitor



The iPM800 is a multi-parameter touch screen(optional) patient monitor, providing a reliable measurement on patient' s SpO2, pulse rate, noninvasive blood pressure, temperature, 5-lead/3-lead electrocardiography (ECG) and respiration rate. Integrated side stream technology ensures that the monitor can be used in intubated and non-intubated patients. 10.1 inch display assures easy viewing of waveforms, numeric values and onscreen trending data for demanding facilities.

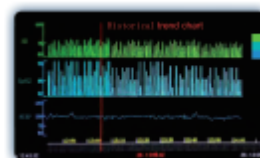
- 10.1 inch touch screen(optional), 800 X 1280 pixels.
- Integrated module designs ensures the product safety, stability and durability.
- Wide-angle alarms indicator makes patients safer.
- Multiple display modes: OxyCRG, Trend table and Trend graph etc.
- Provide a variety of TEMP modes, can quickly measure body temperature, greatly improve clinical work efficiency.
- Review trend data at any time for any patient by inputting patient ID or name.
- Connect with central monitoring system for remote and wireless monitoring
- High capacity storage, power-off data protection.
- 3-level visual/audio alarms and alarm events can be stored and reviewed.
- Supports lot interfaces: Network, Wi-Fi.



Optional touch screen makes it easier to operate.



Supports the print of 3-channel waveform at the same time.



Data and trend review, accurate point data.

SPECIFICATIONS

Enclosure

Weight	3.15kg(6.94lb)
Dimensions	160mmWx295mmHx192mmD (6.3in.Wx11.61in.Hx7.56in.D)
Display	
Screen size	10.1-inch diagonal high-resolution
Screen type	TFT (Thin Film Transistor) Active Matrix LCD
Resolution	1280X 800 pixels.
Alarms	
Categories	Patient status and system status
Priorities	Low,medium,and high
Notification	Audible and visual
Setting	Fullstorage,low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10 seconds

SpO2

Measurement range	0 to 100% Functional Saturation
Accuracy	70-100%(±2%) , <70% unspecified
Resolution	1%
Display wave speed	10.00 mm/sec

Pulse Rate

PR range	20 to 350 bpm
Accuracy	± 2 bpm or ± 2% (whichever is greater)
Resolution	1bpm

ECG

HR range	20-350 bpm
Accuracy	±2 bpm or ±2% (whichever is greater)
Resolution	1bpm
Leads	I, II, III, V, aVR, aVL, or aVF (5-lead)
Display gain	X 1/4, X1/2, X1, X2, X4
Display sweep speed	6.25, 12.5, 25, or 50 mm/sec

NIBP

Method	Oscillometric with step-down deflation
Measurement Range	0 to 300 mmHg
Accuracy	Algorithm based on human algorithm that meets or exceeds accuracy requirements of ANSI / AAMI SP10:1992 and 2002 standards for non-invasive blood pressure using the oscillometric method.
Measurement Time	30 to 50 seconds typical, 120 seconds maximum
AUTO Interval Times	2, 3, 5, 10, or 30 minutes, or 1, 2 hours 20-260 (in 1 mmHg steps), and OFF

RESP

Measurement range	0-120 breaths per minute (rpm)
Accuracy	±1 rpm
Resolution	1rpm

TEMP

Measurement range	25 to 45 °C / 77 to 113 °F
Accuracy	± 0.2°C plus the temperature sensor tolerance
Resolution	0.1°C

ETCO2 (Optional)

Mode	Sidestream or Mainstream
Measurement Range	0-150mmHg
Accuracy	0-40mmHg: ±2mmHg 41-150mmHg: ±10% of reading
Resolution	0.1mmHg
Flow rate	50ml/min±10ml/min

Electrical

Battery	Lithium battery with 4,400mAh will typically provide 4 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium Battery, 4,400mAh, DC 11.1V
Voltage	100 to 240Vac, 50/60 Hz, 60VA, FUSE T1.5A

Environmental

Transport and Storage		Operating Conditions
Temperature	(- 40 ~ + 75) °C (- 40 ~ + 167) °F	(0 ~ + 50) °C (+ 32 ~ + 122) °F
Altitude	-500 to 5 , 000m (1640 to 16404 ft.)	
Relative humidity	15% to 95%x non condensing	

Configuration

Standard	SpO2+ECG+NIBP+RESP+TEMP
Optional	Sidestream / Mainstream ETCO2 Module, Trolley, Brace, IPMS8600 Central monitoring system, Recorder, Touch screen.

Trend

Tabular	
Memory	Saves a total of 120 hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters

ACCESSORIES



Standard Accessories



Disposable sensors



IPMS8600



Trolley



Sidestream/Mainstream ETCO2 Module

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