

Patient Monitor PM-2000 TM



Technical Specifications

Safety Standards	Safety Standards	IEC 60601-1+A1+A2; IEC 60601-2+A1; IEC 60601-1-8 (Alarm)
Physical Specifications	Dimensions Weight	185mm (W) x 116mm (H) x 85.3mm (D) 1.5kg with battery installed
Display	Display Resolution	5.0" Color TFT LCD Touch-screen 800 X 480
Environment Requirement	Ambient Temperature Humidity	-20 °C ~ 55°C (-4 ~ 131°F) 15% - 95% without condensation
Energy Supply	Power Supply Internal Battery Battery Working Period	100-240V CA, 50/60HZ Rechargeable Li-Ion 4 hours max.
Resp	Method Operation Mode Rr Measurement Range Resolution Apnea Alarm Threshold Alarm Band Width Sweep Speed	Impedance between RA-LL, RA-LA Auto / Manual Adult: 0-120rpm / Neonate-Pediatric: 0-150rpm 1rPM 10s, 15s, 20s (default), 25s, 30s, 35s, 40s 3 levels of audible and visual alarm, Alarms events recallable 0.2-2.5Hz (-3dB) 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
ECG	Lead Type Gain Selection Sweep Speed ECG Hr Range Resolution & Accuracy Filter St-Segment Detection	3 - Leads: I, II, III / 5 - Leads: I, II, III, aVR, aVL, aVF, V / 12, Derivations: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 x0.125, x0.25, x0.5, x1, x2, x4 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s Adult: 15-300bpm / Pediatric-Neonate: 15-350bpm ±1bpm or ±1%, whichever is greater Diagnosis mode: 0.05-150Hz / Monitoring mode: 0.5-40Hz / Surgical mode: 1-20Hz Measurement range: -2.0mV ~ 2.0mV / Alarm range: -2.0mV ~ 2.0mV Comes with St-segment Arrhythmia Analysis and Pacemaker detection
NIBP	Method Operations Modes Auto Measurement Time Interval Measurement Unit Measurements Types Pressure Range Adults Pressure Range Pediatrics Pressure Range Neonates Resolution Accuracy Alarm Pr From PANI Resolution Accuracy	Oscillometric Manual / Automatic/ Continuous 1/2/3/4/5/10/15/30/60/90/120/240/480 minutes. MmHg/kpa Selectable Systolic, Diastolic, Mean Systolic: 40 - 270 mmHg / Diastolic: 10 - 215 mmHg / Mean: 20 - 235 mmHg Systolic: 40 - 200 mmHg / Diastolic: 10 - 150 mmHg / Mean: 20 - 165 mmHg Systolic: 40 - 135 mmHg / Diastolic: 10 - 100 mmHg / Mean: 20 - 110 mmHg 1mmHg Max mean error ±5mmHg / Max standard deviation ±8mmHg Systolic, Diastolic, Mean Measurement 40-240 bpm 1 bpm ±3bpm or 3.5% whichever is greater
SPO2	Measurement Resolution Accuracy PR Measurement Alarm Range Resolution Accuracy Refresh	0 - 100% (SpO2) 1% ±2% (70-100% Adult/Pediatric); / ±3% (70-100% Neonate) 25 ~ 300 bpm 30 ~ 300 bpm 1bpm ±2bpm 1s
SPO ₂ (Optional, Nellcor Oximax™)	Measurement Resolution Accuracy	0 - 100% (SpO2) 1bpm ± 3bpm (20bpm ~ 250bpm)