

PM-12A

Multi-parameter Patient Monitor PM-12A
Monitor ECG, SPO2, NIBP, RESP, TEMP, PR and HR



TECHNICAL SPECIFICATIONS		
<p>Quality Standards and Classification</p> <p>CE, ISO13485 SFDA: Class II b Anti-electroshock degree: Class I equipment (internal power supply)</p> <p>TEMP/SpO2 /NIBP: BF ECG/Resp: CF</p> <p>Application Range</p> <p>Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU</p> <p>Display</p> <p>12.1" real color TFT screen</p> <p>Environment</p> <p>Operating environment : Temperature: 0 ~ 40 C Humidity: 15% ~ 80% Pressure: 86.0 kPa ~ 106.0kPa</p> <p>Transport and Storage environment : Temperature: -20 ~ 55 C Humidity: 10% ~ 90% Pressure: 86.0 kPa ~ 106.0kPa</p> <p>Power Requirements</p> <p>AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 11.1V 24wh Li-ion battery 2h operating after full charge 5min operating after low battery alarm</p> <p>Dimension and Weight</p> <p>Equipment: 340mm × 245mm × 134 mm(about); 2.798kg(about)</p> <p>Package: 380mm × 350 mm × 300mm; 4.598 kg(about)</p> <p>Date Storage</p> <p>Trend diagram/table: 720h NIBP review: 10000 events Wave review: 12h Alarm review: 200 alarm events Support drug concentration titration analysis</p>	<p>ECG</p> <p>5 Leads: RA, LA, LL, RL, V Lead mode: I, II, III, AVR, AVL, AVF, V Gain: × 1.25mm/mV, 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV (error ≤ 5%) Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s (error ≤ ± 10%) Bandwidth: Surgery 1 ~ 25 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz Sensitivity: >200 μ V P-P CMRR: ≥ 112dB Differential Input Impedance: >5M ohm Electrode Offset Potential: ±300mV Polarization Voltage: ≥ ± 500mV Input Impedance: ≥ 5 M Calibration Voltage: 1mV ± 5%</p> <p>ST Segment</p> <p>ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV</p> <p>NIBP</p> <p>Method: Oscillometry Measure mode: Manual, Auto, STAT Measure interval in auto mode: 1~5/10/15/30/60/90/120/180/240/480min Measure period in STAT mode: 5min Pulse rate range: 40 ~ 240bpm Measure & alarm range: Adult SYS 40 ~ 280mmHg DIA 10 ~ 220mmHg MEAN 20 ~ 240mmHg Pediatric SYS 40 ~ 220mmHg DIA 10 ~ 160mmHg MEAN 20 ~ 170mmHg Neonatal SYS 40 ~ 135mmHg DIA 10 ~ 100mmHg MEAN 20 ~ 110mmHg</p> <p>Static pressure measurement Range: 0 ~ 300mmHg Accuracy: ± 3mmHg Resolution: 1mmHg Accuracy: Max. Mean Error: ± 5mmHg Max. Standard Deviation: 8mmHg Overpressure protection: Adult 300mmHg Pediatric 240mmHg Neonatal 150mmHg</p>	<p>SpO2</p> <p>Measurement range: 0 ~ 100% Resolution: 1% Accuracy: 70% ~ 100% ± 2% 40% ~ 69% ± 3%</p> <p>Pulse Rate</p> <p>Measure/alarm range: 20 ~ 300bpm Resolution: 1bpm Accuracy: ± 3bpm</p> <p>RESP</p> <p>Method: impedance between RA-LL Resp Impedance range: 0.3 ~ 3 Ω Base Impedance range: 200 Ω ~ 4000 Ω Bandwidth: 0.3 ~ 2.5Hz Gain: × 0.25, × 0.5, × 1, × 2, × 4 Resp rate: Measurement Range Adult 0 ~ 120BrPM Neonatal/Pediatric 0 ~ 150BrPM Resolution: 1BrPM Accuracy: 7 ~ 150BrPM (± 2BrPM) 0 ~ 6BrPM (unspecified) Apnea Alarm: 10 ~ 40s</p> <p>TEMP</p> <p>Channel 2 Measure & alarm range: 0 ~ 50 C Resolution: 0.1 C Accuracy (no sensor): ±0.1 C (0~50 C)</p> <p>Standard accessories</p> <ul style="list-style-type: none"> ● NIBP cuff & tube ● ECG cable & electrodes ● SpO2 sensor ● TEMP probe ● Lithium-ion battery ● Power cable ● Operator's manual <p>Optional accessories</p> <ul style="list-style-type: none"> ● IBP ● CO2 ● Nellcor SpO2

NOTE: The specifications are subject to changes without prior notice.