

PM-7000

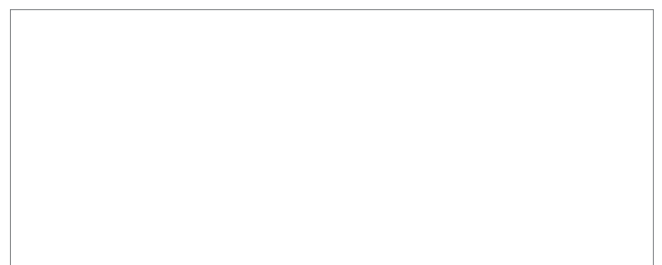
PORTABLE PATIENT MONITOR

Technical Specifications

Safety Meet the requirements of IEC60601 series, CE marking according to MDD93/42/EEC	Pace Detection: YES Alarm: YES, audible and visual alarm, alarm events recallable	Neonates * **** 70% to 100% ± 3 digits 1% to 69% unspecified 20 to 250 bpm ± 3 digits
Dimension and Weight Dimension: 310mm (W) x 280mm (H) x 150mm (D) Weight: 5.5kg (not including external Multi-gas module)	Respiration Method: RA-LL impedance Measurement range: Adult: 6-120rpm Pediatric/Neonatal: 6-150rpm Accuracy: ± 2 rpm Alarm range: Adult: 6-120rpm Pediatric/Neonatal: 6-150rpm	Pulse rate: IBP Measurement range: -50-300mmHg Channel: 2 channels Pressure transducer: Sensitivity: 5 µV/V/mmHg Impedance range: > 300
Operation Environment Power: AC100-250V, 50/60 Hz Temperature: 0-40°C Humidity: 15-95%	Apnea alarm: YES NIBP Method: Oscillometric Operation modes: Manual/Automatic/STAT Measurement unit: mmHg/kPa selectable Measurement types: Systolic, Diastolic, Mean Measurement range: Adult: 10-270mmHg Pediatric: 10-200mmHg Neonatal: 10-135mmHg	Transducer sites: ART, PA, CVP, RAP, LAP, ICP Measurement unit: mmHg/kPa selectable Resolution: 1mmHg Accuracy: ± 1mmHg or ± 2%, whichever greater Alarm range: -10-300mmHg CO Method: Thermodilution Measurement range: CO: 0.1-20 lit./min. TB: 23-43°C TI: 0-27°C CO: 0.1 lit./min. Temperature: ± 0.1°C CO: 2% TB: ± 0.1°C TI: ± 0.1°C
Patient Range Adult, pediatric and neonatal	Over-pressure protection: YES Resolution: 1mmHg Accuracy: Mean error and standard deviation per ANSI/AAMI SP-10 Alarm: Systolic, Diastolic, Mean Temperature Measurement range: 0-50°C Resolution: 0.1°C Accuracy: ± 0.1°C (not including probe) Channel: Dual-channel Alarm range: 0-50°C Mindray SpO2 Measurement range: 0-100% Resolution: 1% Accuracy: 70-100% ± 2%; 0-69% unspecified Alarm range: 0-100% Pulse rate Range: 0-254bpm Resolution: 1bpm Accuracy: ± 2bpm (30-250bpm) Alarm range: 0-254bpm	EtCO2 Method: Infrared Absorption Measurement Mode: Sidestream or mainstream (optional) Measurement range: EtCO2: 0-99mmHg InsCO2: 0-99mmHg AwRR: 0-150rpm Resolution: EtCO2: 1mmHg InsCO2: 1mmHg AwRR: 1rpm Accuracy: CO2 concentration: ± 2mmHg (0-40mmHg) ± 5% of reading (41-76mmHg) ± 10% of reading (77-99mmHg) AwRR: ± 2rpm Alarm range: Same as Measurement range Apnea alarm: YES External Multi-Gas/O2 Method: Infrared Absorption Gas sorts: EtCO2, N2O, Des, Iso, Enf, Sev, Hal O2 (optional, paramagnetic sensor) Measurement range: EtCO2: 0-10% (0-76mmHg) N2O: 0-100% O2: 0-100% Enf, Iso, Hal: 0-5% Sev: 0-8% Des: 0-18% AwRR: 2-100rpm Resolution: CO2: 0.1% (1mmHg) N2O: 1% O2: 0.1% (1mmHg) Enf, Iso, Hal, Sev, Des: 0.01% Resp rate: 1bpm Fi and Et Values Data output: Fi and Et Values Respiration rate: 4-60± 1bpm Other: Up to 3 waveforms displayed Agent mixture detection MAC value displayed
Performance Specifications Display: 10.4" color TFT Resolution: 800x600 Trace: 8 waveforms Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s Indicator: Alarm indicator Power indicator QRS beep and alarm sound Interface: Net Port Battery: Rechargeable Lead-Acid: > 45 minutes Lithium-ion: > 90 minutes Trend time: 1-96 hours Alarm: 10-level audible and visual alarm Networking: LAN/Wireless LAN to Mindray Hypervisor III Central Station Wireless LAN: Operates on license free ISM (Industrial, Scientific and Medical) 2.4 ~ 2.483 GHz radio frequency band IEEE 802.11b compliant Recorder: Built-in, thermal array, 2 channels Record width: 48mm, (record paper 50mm) Record speed: 25mm/s, 50mm/s	Masimo SET™ SpO2 Range Saturation (SpO2): 1-100% Pulse Rate: 30-235 bpm Adult SpO2 Range: 70%-100% 0% to 69% Accuracy (± 1Std. Dev.)*: ± 2 digits Unspecified Pulse Rate Range: 25-240 bpm Accuracy (± 1Std. Dev.)*: ± 3 bpm Neonate SpO2 Range: 70%-95% 0% to 69% Accuracy (± 1Std. Dev.)*: ± 3 Digits Unspecified Pulse Rate Range: 30-235 bpm Accuracy (± 1Std. Dev.)*: ± 3 bpm Nellcor SpO2 Measurement Range SpO2: 1% to 100% Pulse Rate: 20 to 250 bpm Accuracy Saturation (% SpO2 ± SD): Adults 70% to 100% *± 2 digits	
ECG 5-lead or 3-lead selectable Input: 5-lead: RA; LA; RL; LL; V or R; L; N; F; C 3-lead: RA; LA; LL or R; L; F Lead selection: 5-lead: I, II, III; avR; avL; avF; Vx I, II, III; avR, aVL, aVF, V (n) 3-lead: I; II; III ECG waveform: 2 channels Gain selection: x0.25; x0.5; x1; x2 (mm/mV); auto Sweep speed: 12.5mm/s, 25mm/s, 50mm/s Heart Rate range: Adult: 15-300bpm; Pediatric/Neonatal: 15-350bpm Accuracy: ± 1bpm or ± 1%, whichever greater Protection: Withstand 4000VAC/50Hz voltage in isolation. Against electrosurgical interference and defibrillation CMRR: Diagnostic mode: > 90dB Monitoring mode: > 105dB Operating mode: > 105dB Operation modes: Diagnostic, Monitor, Surgery Bandwidth: 0.05-100Hz Alarm range: Adult: 15-300bpm Pediatric/Neonatal: 15-350bpm S-T detection: YES Measurement range: -2.0mV-2.0mV Alarm range: -2.0mV-2.0mV Arrhythmia analysis: YES		

* Testing is based on healthy adult volunteers in induced hypoxia studies with LNOP[®] Adt sensors; during no motion.
Testing to verify saturation specification is done against a CO-Oximeter. Testing to verify pulse rate specification is done against an ECG monitor.
** Languages: Chinese, English, French, German, Italian, Spanish, Portuguese, Polish, Russian, Turkish, Czechish

Standard configurations: ECG/RESP, NIBP, Mindray SpO2, TEMP, Battery
Optional configurations: Masimo SET™ SpO2, 2-IBP, CO, EtCO2, External Multi-Gas/O2, Thermal Recorder



NOTE: specifications subject to change without prior notice
P/N: CHN-PM7000-420285-20041013