Weight: Standard Configuration < 5 kg

Operation Environment AC Power Requirements: 100-240 VAC, 50/60 Hz , 70 Vad DC Power Requirements: 12VDC(rated),10-16VDC,70W

Patient Range

Neonate, pediatric, and adult patients

Display:

8.4" color TFT(diagonal) Rolling and refreshing waveform display Resolution: 800x600

Bed-to-bed view display

Multi displays selectable, including: Standard display Large-font Display Trend coexist display

8 waveforms 6.25mm/s.12.5mm/s.25mm/s.50mm/s Sween Speed

Power indicator light

Battery indicator light QRS beep and alarm sound Parameter cable interface AC and DC Power input socket

Network interface
External VGA interface for connection of an alternate display
Aux Output (Analog / Defib-Synch / Nurse Call)
Rechargeable, maximum 6.5 hours for charging,

Li-ion Battery: 3 hours for continuous working Rechargeable, maximum 6 hours for charging; 75 minutes for continuous working Lead Acid Batter

Trend time: 1~96 hours User-adjustable High and Low limits 3-level audible And visual alarm

Networking Connected to central monitoring system

Built-in, thermal array Plethysmogram waveform: 3channels Record mode: manual, on alarm, time-defined, etc. Paner width: 50 mm

Lead type:

5-lead and 3-lead selectable Input: Lead selection: I; II; III; aVR; aVL; aVF;V 2 channels

ECG waveform: Gain selection: Sweep speed: x0.125; x0.25; x0.5; x1; x2; auto 12.5mm/s, 25mm/s, 50mm/s Heart Rate range Adult: 15-300bpm: neonate/pediatric: 15-350 bpm

Accuracy: Resolution: \pm 1 bpm or \pm 1%, whichever is greater Diagnostic mode: 0.05-100 Hz Monitoring mode: 0.5-40 Hz Filter:

Surgical mode: 1-20 Hz Protection: Withstand 4000VAC/50Hz voltage in isolation Against electrosurgical interference and

defibrillation Scaling signal: 1mV+5%

Alarm range: S-T segment detection 15-350 bpm

Alarm range: -2.0mV~2.0mV

Pace detection YES, audible and visual alarm, alarm events

Method: Lead I and lead II are optional (default: lead II) Sensing leads:

Auto/ Manual Adult: 0~120 RrPM: Neonate/Pediatric: 0~150 RrPM NIBP Method:

Operation modes: Manual/Automatic/Continuous Measurement unit: mmHg/kPa selectable Measurement types Systolic Diastolic Mean

Adult Mode 40 - 270 mmHg
Pediatric Mode 40 - 200 mmHg Neonatal Mode 40 - 135 mmHg Adult Mode 10 - 210 mmHg 10 - 150 mmHg Pediatric Mode Neonatal Mode 10 - 100 mmHg Adult Mode 20 - 230 mmHg

Adult Mode 20 - 230 mmHg Pediatric Mode 20 - 165 mmHg Neonatal Mode 20 - 110 mmHg

The mean error shall be less than ±5 mmHg

The standard deviation shall be Less than 8 mmHg Over-pressure pro Double safety protection

1mmHg Systolic, Diastolic, Mean 1mmHa PR from NIBP Measurement range:40~240 hpm

Resolution:1 bpm
Accuracy: ±3bpm or ±3%whichever is greater

SpO₂ MINDRAY SpO₂

0~100%

0~100% 1% ±2% (70-10Adult/Pediatric) ±3% (70-100%, Neonate): 0-69% unspecifie 0~100% Range: 20~254bpm Pulse rate:

Resolution: 1bpm Accuracy: ±3bpm (non-motion) Alarm range: 0~254 bpm

Accuracy:

±2% (70-100%, Adult/Pediatric, non-motion): ±3% (70-100%, Neonate, non-motion); ±3% (70-100%, Adult/Pediatric/Neonate, motion)

0-69% unspecified Alarm range: Pulse rate: Range: 25~240bpm Resolution: 1bpm Accuracy: ±3bpm (non-motion) ±5bpm (motion) Alarm range: 25~240bpm

NELL COR SpO2

0~100%

Accuracy: ± 2% (70-100%, MAX-A, MAX-AL, MAX-N, MAX-P, MAX-Land MAX-FAST sensors

±2.5% (70-100%, OxiCliq A,OxiCliq N,OxiCliq +3% (70-100%, D-YS, DS-100A, OXI-A/N and

OXI-P/I sensors); ±3.5% (70-100%, MAX-R, D-YSE and D-YSPD

Range: 20~300 bpm

Resolution: 1bpm Accuracy: ±3bpm(20-250bpm); 251-300bpm unspecified Alarm range: 0~254 bpm

0~50°C (32~122°F) Accuracy:

Dual-channel.Provide T1: T2: △ T Channel:

Channel: 2 channels Impedance range: 300-3000 Ω ART, PA, CVP, RAP, LAP, ICP,P1,P2

Resolution: ±2% or ±1 mmHg, whichever is greater (exclusive of transducer)

Range & Accuracy: 25~200 bpm

±1 BPM or± 1% whichever is greater 201 ~350 bpm ± 2%

Microstream CO: CO2 range: Accuracy:

Sampling rate:

Resolution: 1 bpm

0-38 mmHg ±2 mmHg

39-99 mmHg ±5% + 0.08% (reading-38 mmHg)
Waveform: 0.1mmHg Resolution:

Value: 1 mmHg

Initialization time 30 seconds (typical).

Reaches ±5% steady-state accuracy within 3minutes. Typical value: 2.9s, including the rising Response time

Time and the delay time (adopting the FilterLine of standard length) Rising time: <190ms(rising from 10% to 90%) 2.7s (typical value)
0-150 breaths/min
0-70BrPM ±1BrPM

Respiration rate accu 71 - 120BrPM ±2BrPM Mode: Adult, Neonate, Pediatric

0-99mmHg ±2mmHg (0-40 mmHg) ±5% of reading (41-76 mmHg) ±10% of reading (77-99 mmHg)

70 ml/min,100ml/min
±15% or 15ml/min
30 Sec. The module enters the warming up status afte

1 minute later, it enters the ready-to-measure status Mode: 10 minutes after start-up, the module reaches full

+ 2 BrPM (0, 70 BrPM) ±5BrPM (>70BrPM

When measured with a neonatal watertra and a 2.5 m-long neonatal sampling line: <3.5.5 @ 100 ml/min <4.5 @ 70 ml/min When measured with an adult watertrap and a 2.5 m-long adult sampling line:

and a 2.5m-long neonatal sampling line: <3 s @ 100 ml/min <3.5 s @ 70 ml/min

ECG(Mindray 3/5 Lead); NIBP;RESP;Mindray-SpO2;Dual-Temp;Lead Acid Battery













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DISTRIBUTOR:

www.mindray.com



PM-8000Express

Patient Monitor



MINDRAY





Microstream[™] EtCO₂

Suitable for non-intubated and intubated Flexible for adult, pediatric, infant/neonate Low sampling rate 50ml/min (-7.5ml/min, +15ml/min)



Wall Mount



Compact Flash Card

Power off storage use for 96hour graphic and trend, 800 NIBP records and 70 alarm records



Bedrail Hook



Rear Panel Ethernet Receptacle

12V DC Input VGA Output AUX port (for Analog/ Nurse Call/ Defib-Synch output)

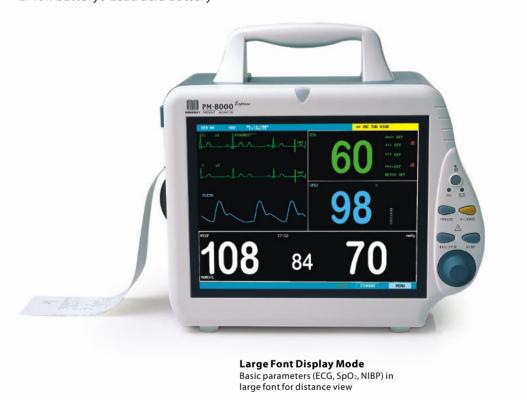


Rolling Stand



Li-ion BatteryUp to 3-hour continuous monitoring

- 8.4" color TFT display with maximum 8 waveforms
- Maximum 96-hour graphic and tabular trends of all parameters
- Mindray or Mortara Arrhythmia and ST segment analysis
- Large font display
- SpO₂ pulse-tone modulation (Pitch Tone)
- Microstream™ EtCO₂ / Sidestream EtCO₂
- Clinical Proven SpO₂ technology
- Compact flash slot for memory card, wireless LAN card
- External 12V DC input
- Li-ion battery / Lead acid battery





EtCO₂ Waveform

Adopting infrared absorption technique to measure the concentration of EtCO₂, InsCO₂, AWRR



"Trend Screen" Mode

Small tables next to waveforms with dynamic 2-hour trend length



OxyCRG

Display of the interactive relation between heart rate, respiration and SpO₂ parameter, judging the respiration and circulation function of neonate