

MP800 Catalogue

1. Main 화면

Semi-Modulized Patient Monitor

PAMO II PAMO II PAMO II PAMO II PAMO II

- Compact Semi-Modulized Bedside Monitor
- Major Key Parameters Including ECG/SpO2/NIBP/TEMP
- Various display with Virtual screen (Big Number Display available)
- 72hr Tabular and Graphic Trend
- Networking Capacity



Bedside Patient Monitoring Systems

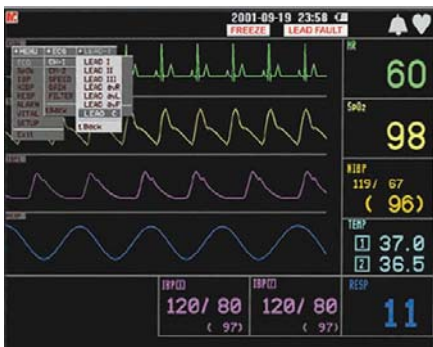
PAMO II

2. 세부 Features

Display with Easy Viewing

- 6.4" High quality resolution Color TFT LCD
- Visible Pop-up menu for easy set-up
- Unique Virtual Screen Display Changing by Mode Key
- Display processing of Self-Testing and Checking

<사진1> Pop menu Display (예,MP400NC)



<사진2> 정면사진



Features in Advantage

- Major Vital Sign Parameter Monitoring (ECG / SpO2 / NIBP / Temp.)
- S-T Segment and Arrhythmia Analysis
- Pacemaker Detection
- 72hr Tabular and Graphic Trend
- ECG Lead auto Detection (3 Lead / 5 Lead)
- 2 Type of Oximeter available (MEK/Nellcor)
- Multi Language Available
- LAN networking Capacity
- Software download system for upgrade
- Light Weight : 3 Kg
- Built in 58mm Thermal Printer (Optional)

Semi-Modulized Compact Design

- Compact and Flexible Design for convenient use
- Innovative Plug in type module system
- Strongly-built carrying handle for safe transport
- Simple and efficient Sensor connector
- Provide Various Type of parameter compounding
 - Single Parameter Monitor
 - ECG + SpO2 Monitor
 - ECG + NIBP Monitor
 - SpO2 + NIBP Monitor
 - ECG + SpO2 + Temp Monitor
 - ECG + NIBP + Temp Monitor
 - SpO2 + NIBP + Temp Monitor
 - ECG + SpO2 + NIBP + Temp Monitor



Bedside Patient Monitoring Systems

PAMO II

Self-Testing System



PAMO II has advanced Self-Test and check processing during the system is booting for 3 sec. The self-testing is containing such as module detection, power level check, memory check and other expected system set-up check.

Main Options

- 58mm Thermal Printer
- IV pole holder basket
- Temp Sensor (YSI 401 type)
- LAN Network



< Printer >



< IV Basket >



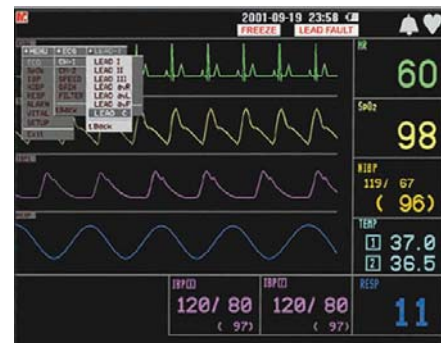
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Virtual Screen Display

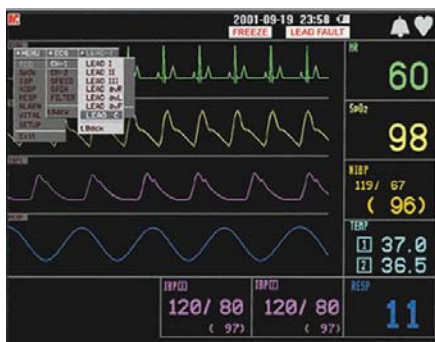
Full Parameter Display



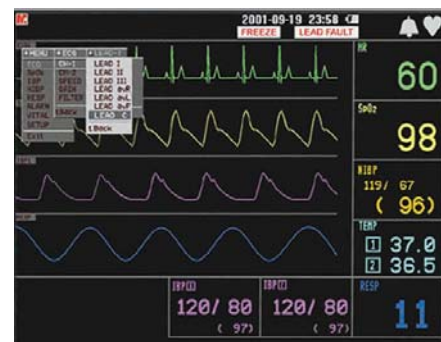
Numeric Mode Display



NIBP Mode Display



Trend Mode Display



MP800 Specifications

Performance

ECG	
Channel	1 channel
Electrode	3 or 5 electrode
Lead	7Lead (I, II, III, aVR, aVL, aVF, C)
Dynamic range	10mV
Frequency response	menu selective
-Monitoring mode (Default Mode): 0.5 ~ 40Hz and digital band stop filter on (50 / 60Hz)	
-Diagnostic mode: 0.05 ~ 100Hz and digital band-stop filter (notch filter) - on/off	
Heart rate	20 ~300 bpm
Accuracy	+/- 2%
Input signal range	+/- 0.5mV ~ +/-5mV
Analysis	
-Pacemaker detection	
-Arrhythmia	
-ST	

SpO2 (Percentage Oxygen Saturation)

Probe sensor	MSS0A Finger type reusable
Range	0% ~ 100%
Accuracy	
-Adult	
+/- 2%, for readings between 70% ~ 100%	
+/- 3%, for readings between 50% ~ 69%	
-Neonate	
+/- 3%, for readings between 70% ~ 95%	
Unspecified	0 ~ 49%
Settling time	
Wave out time	2 sec
SpO2 percentage Display	10 sec
Averaging (after setting time)	8 beat

Temperature

Sensor	YSI 400 series (optional)
Resolution	0.2 °C
Measurement range	0 ~ 50 °C
Accuracy	+/- 0.4 °C
(15~33 °C, 42~45 °C)	+/-0.2 °C (34~41 °C)

NIBP (Oscillometric method upon non-linear pressuring)

Pressure	
Measurement range	0~300mmHg
Cuff	
Reusable cuff	Adult/Child cuff (STD. accessory)
Disposable cuff	Neonatal cuff (optional)
Auto deflation pressure	
Adult	300 mmHg
Pediatric	150 mmHg
Neonate	150 mmHg
Measurement time	max 40sec at standard adult cuff & normal

Alarm

ECG Heart rate

High limit	30~ 300 bpm
Low limit	20~ 290 bpm

SpO2

High Saturation	52~ 100%, 2% Interval (default = off)
Low Saturation	0~ 99%, 2% Interval (default = 79%)

Temp

High limit	20 ~ 50°C
Low limit	10 ~ 40°C

NIBP

Systolic high and low limit	40~300/30~290, 5mmHg Interval
Diastolic high and low limit	20~290 /20~280, 5mmHg Interval
Mean high and low limit	35~295/25~285, 5mmHg Interval

Alarm silence: 30 sec, OFF

Alarm on/off: All parameters on/off selective independently

Display

6.4" Color TFT LCD	
Resolution	320 X 234
Trace line	1~2 waveform (ECG, SPO2)
Trace speed	ECG 6.3, 12.5, 25, 50 mm/sec
SpO2	6.3, 12.5, 25, 50 mm/sec
Trends	HR, SpO2, NIBP, TEMP Tabular and Graphic (72hour) trends

Display parameter

Heart rate
SpO2 rate
Blood pressure (NIBP)
Trend of HR or the other Vital signs, Value & time
Bed ID, Date & time, Menu and menu information,
Event message

Power input

15V/3A , +/- 10%

external power input

Battery

12V 2Ah	- Continuous operating time:
1Hr(min)~6Hr(max)	(Variable for selected functions)

Power consumption

40 W max

Dimensions

W 200 x H 198 x D 135

Weight

3 Kg

Environmental

Operating temperature	10 ~ 40°C (50°F ~ 104°F)
Storage temperature	-20 ~ 70°C (-4°F ~ 158°F)
Relative humidity	10 ~90% (storage)
Non-condensing (operating)	0~95%

Storage

Atmosphere Pressure
500 – 1060Hpa

Input and Output communication

COM1 RS-232	Baud rate 19200 bps STD I/O
communication port	

Option

Temperature sensor,	YSI 401 type
Printer	Thermal printer (58mm paper width)
LAN network	
IV pole holder basket	

Accessories

ECG lead cable (3or 5 electrode type selectable)
SpO2 sensor
Temperature Sensor
Cuff (Adult / Child) & Hose