

# SPECIFICATIONS

# MP800

## Performance

### ECG

Channel	1 channels
Electrode	3 or 5 electrode
Lead	7 Lead (I, II, III, aVR, aVL, aVF, C)
Dynamic range	10mV
Heart rate	20 ~ 300 bpm
Accuracy	+/-2%
Input signal range	+/-0.5mV ~ +/-5mV
Pacemaker Detection Mode	: User selectable
ST Level measurement	: User selectable
Arrhythmia analysis	

### SpO2

Range	0 ~ 100%
Accuracy	Adult +/-2% for readings 70~100% +/-3% for readings 50~69% Neonate +/-3% for readings 70~95% Unspecified 0~49%
Wave out time	2 sec.

### NIBP

Measurement range	0 ~ 300mmHg
ReUsable cuff	Adult / Child cuff (STD. accessory)
Auto deflation pressure	
Adult	300mmHg
Neonate	150mmHg
Measurement time	max40 sec.

### Temperature (1-Temperature optional)

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)

### Option

Temperature sensor	YSI 400 series
Printer	58mm thermal printer
LAN network	
IV pole holder basket	
Battery	

## General

### Display

Display	6.4" Color TFT LCD
Resolution	320 x 240 VGA STD
Trace line	1~2 wave form max.
Vital sign graphic	HR, SpO2, NIBP, Temp., trend

### Display parameter

Heart rate
SpO2 percentage
Blood pressure (NIBP)
Temperature
72hrs trend of HR or the other vital signs, value & time, Bed ID, Date & time and menu information, Event message

### Alarm

Alarm	: All parameters on/off selective independently
Alarm silence	: 30 sec.

### Power input

14 V 3A, +/- 10% (external power input)
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### Battery

12V 2Ah	
Full charging time	6Hr max.
Operating time	2Hr max.

### Power consumption

40W max.
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### Input and Out put communication

COM1 : RS232C	Baud rate 19200 bps STD I/O Communication port
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### Dimensions

W 200 x H 198 x D 135
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### Weight

3 kg max. (With printer)
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### Environmental

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

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# Semi-Modularized Patient Monitor

## PAMO II

72hr Tabular and Graphic trend

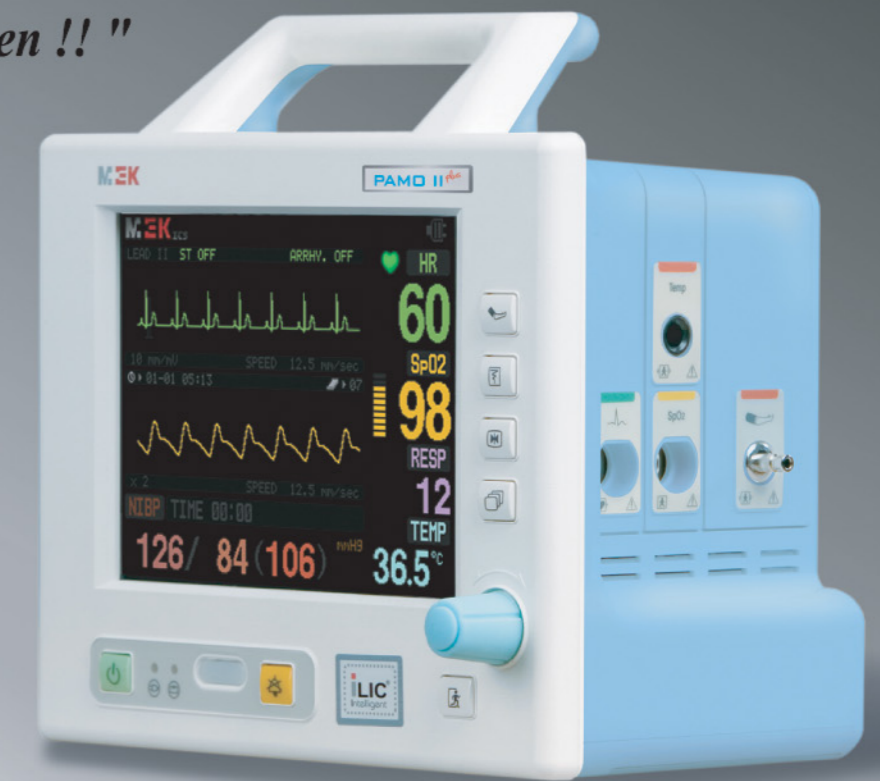
Arrhythmia / S-T Segment / Pacemaker Detector

Virtual screen system for various viewing

Semi-Modularized Patient Monitor with compact design

LAN Networking capacity (Optional)

*" Compact size, but not small  
with virtual screen !! "*



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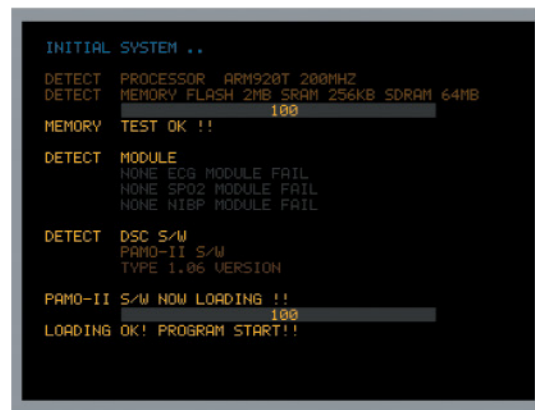


# Semi-Modularized Patient Monitoring Systems

PAMO II

## Display for 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



## Features in advantage

- Semi-Modularized bedside monitor
- Major vital sign parameter monitoring (ECG, SpO2, NIBP, Temp.)
- S-T segment and Arrhythmia analysis
- Pacemaker detection
- 72 hours tabular and graphic trend
- ECG Lead auto detection (3 Lead / 5 Lead)
- Multi language available
- LAN networking capacity (Optional)
- Software download system for upgrade
- Easy maintenance with semi-modularized system
- Built in 58mm thermal printer (Optional)

## Semi-Modularized 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 two types of monitor :
  - ECG + SpO2 + NIBP + Temp. monitor
  - SpO2 + NIBP + Temp. monitor

*" Innovation unlike the others,  
Bringing you the innovative  
Paradigm in patient monitor  
practice !! "*



## 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.

## Virtual screen display

### Full parameter display



### NIBP mode display

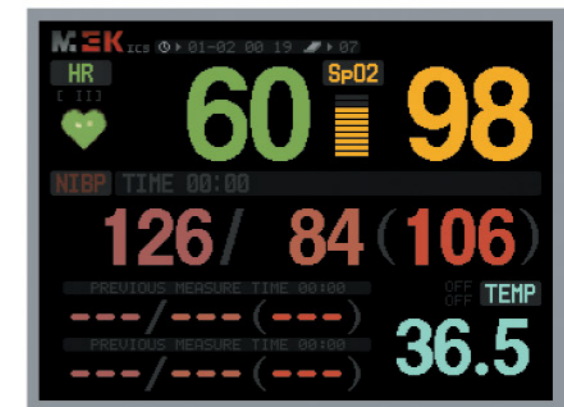


## Main Options

- 58mm thermal printer
- IV pole basket / Moving cart
- Temp Sensor (YSI 401 series)
- LAN Network



### Numeric mode display



### Trend mode display

