

# MD12M

## Modular Patient Monitor

### Features

- 12.1" color TFT LCD screen with multi channel waveforms display
- Parameter plug-in box, recorder
- Support HD output, VGA output, BNC interface
- Easy connecting with central monitoring system
- 15 kinds of drug concentration analysis
- Multi-leads ECG (7 leads) display
- Built-in rechargeable lithium battery
- 96 hours graphic and tabular trends of all parameters
- USB data storage and review
- Optional accessories for adult, pediatrics & neonate

### Standard parameters:

3/5-Lead ECG, SpO<sub>2</sub>, NIBP, RESP, 2-Temp, PR

Optional:

EtCO<sub>2</sub>, Touch screen, Thermal Recorder, WLAN accessory, Nellcor-SPO<sub>2</sub>, 2-IBP.

**MEDITECH**

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### ECG

Number of Leads 3 or 5 leads  
 Lead View  
 User Selectable: I, II, III, aVR, aVL, aVF, V (5 Lead)  
 ; I, II or III (3 lead) Gain  
 Selection 250, 500, 1000, 2000  
 Frequency Response Diagnostic: 0.05 to  
 130 HZ Monitor: 0.5 to 40 HZ  
 Surgery: 1-20 HZ  
 Calibration Signal 1 (mVp-p), Accuracy:  $\pm 5\%$   
 ECG Signal Range  $\pm 8$  mV (Vp-p)  
 Review Available

### SPO2

Range 0 to 100%  
 Resolution 1% Accuracy  
 70% to 99% range  $\pm 2\%$   
 0 to 69% ; undefined  
 Method Dual wavelength LED

### Respiration specification Mode

RA-LL Impedance method Bandwidth  
 0.1 to 2.5 Hz Resp rate  
 Adult 7 to 120 bpm Children &  
 Newborns 7 to 150 bpm Resolution 1  
 bpm  
 Accuracy 2 bpm

### Power Requirement

Voltage AC 110-240V, 50HZ  
 Power Consumption 8 Watts, typical Battery  
 1 sealed lithium battery Battery Life 8 hour  
 typical  
 Recharge time 4.5 hours, typical

### NIBP

Technique Oscillometric during inflation  
 Range Adult/Pediatric: 40-240 mmHg  
 Neonate: 40-150 mmHg  
 Measurement cycle <40 sec, typical Cycles (Selectable)  
 2, 3, 5, 10, 15, 30 min 1, 2, 4 hr STAT model  
 5 minutes of continuous reading Max  
 Allowable Cuff Pressure  
 Adult: 300 mmHg  
 Pediatric: 240 mmHg  
 Neonate: 150 mmHg  
 Resolution 1 mmHg  
 Transducer Accuracy  $\pm 2$  mmHg or  $\pm 2\%$  of reading

### Temperature

Channels 2  
 Range Accuracy 0°-50°C :  $\pm 0.1^\circ\text{C}$   
 Display Resolution  $\pm 0.1^\circ\text{C}$   
 Probe YSI 400 and YSI 700 Series

### Pulse Rate

Measurement Range 40 to 240 bpm Resolution  
 1 bpm Accuracy 3 bpm

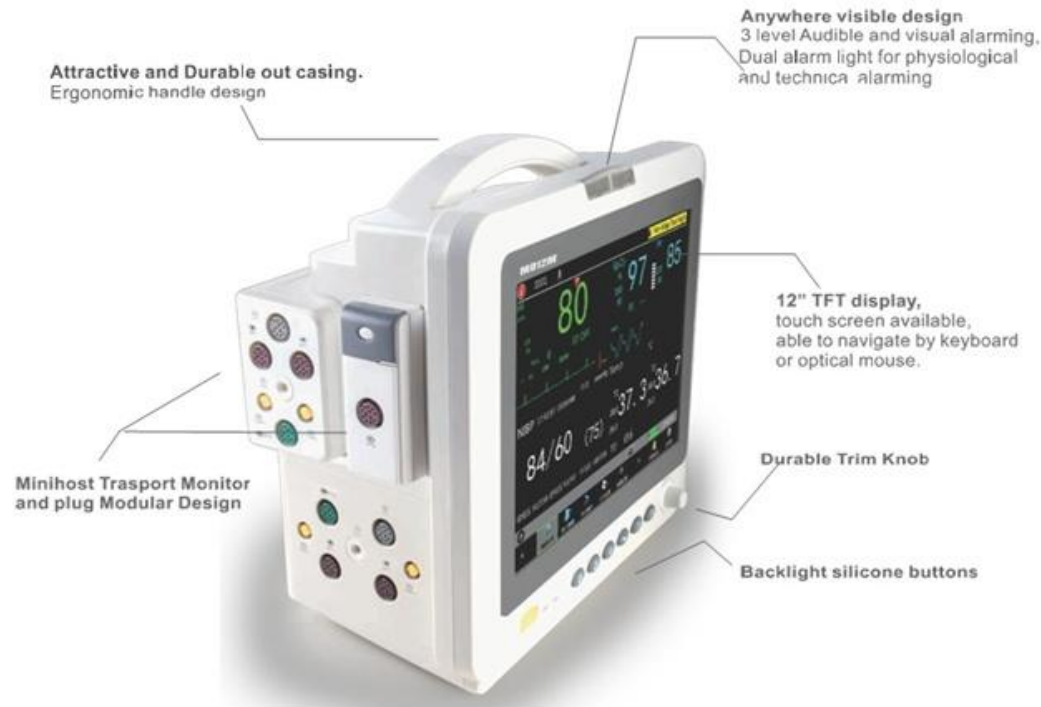
### Work Environment

Operating Temperature (0° to 40°C)  
 Storage Temperature (-20° to 60°C)  
 Operating Humidity 15% to 90%, non-condensing

### Trends

Short Trends  
 1 hour, 5 seconds or 1 second resolution  
 Long Trends  
 72 hours, 1 minute, 5 minutes or 10 minutes

## Beautiful Appearance, Advanced Technology



Attractive and Durable out casing.  
Ergonomic handle design

Anywhere visible design  
3 level Audible and visual alarming,  
Dual alarm light for physiological  
and technical alarming

12" TFT display,  
touch screen available,  
able to navigate by keyboard  
or optical mouse.

Durable Trim Knob

Backlight silicone buttons

Minihost Transport Monitor  
and plug Modular Design