

MEDIAID

# MODEL M6 <sup>ASTER</sup>

*Vital Signs Monitoring System with  
ECG/Resp, SpO<sub>2</sub>, NIBP, Temp & Pulse Rate  
Upgradable to IBP, EtCO<sub>2</sub>*



## **Key Features**

- 12.1 inch Color TFT Display with 9 waveforms
- Parameters include ECG/Resp, SpO<sub>2</sub>, NIBP, Temp and Pulse Rate
- Optional: IBP, EtCO<sub>2</sub>
- Arrhythmia Analysis, S-T segment analysis, HR analysis, NIBP and SpO<sub>2</sub> combined analysis.
- Maximum 72 hours trend data display and 2880 NIBP data storage
- Direct, Reverse and Quick NIBP measurement modes
- Suitable for adult, pediatric and neonatal patient
- Networking capability
- Protection function for NIBP over-range
- Built-in rechargeable Battery



# MODEL M6<sup>MASTER</sup>

## Vital Signs Monitoring System with ECG/Resp, SpO<sub>2</sub>, NIBP, Temp & Pulse Rate Upgradable to IBP, EtCO<sub>2</sub>

### Technical Specifications

#### Safety

Meets the requirements of IEC60601

#### Dimension and Weight

Dimension: 330mm (W) x 280mm (H) x 150mm (D)

Weight: 5.5kg

#### Operation Environment

Power: AC110-220V, 50/60 Hz

Temperature: 5-40 °C

Humidity: < 80%

#### Application Scope

Adult, pediatric and neonatal

#### Performance Specifications

Display: 12.1" color TFT

Resolution: 800 x 600

Trace: 8 waveforms

Sweep speed: 5.25, 12.5, 25, 50 mm/sec

Indicator: Alarm indicator,  
Power indicator,  
QRS beep and alarm sound

Interface: Net Port

Battery: Rechargeable

Trend time: 1-72 hours

Alarm: 3-level audible and visual alarm

Networking: Can be connected to  
central monitoring system

Recorder: Built-in, thermal array

#### ECG

5-lead selectable

Input: 5-lead: RA; LA; RL; LL; C

Lead selection: I; II; III; aVR; aVL; aVF; V

ECG selection: 7 channels

Gain waveform: x0.5; x1; x2; x4

Sweep speed: 12.5mm/s, 25mm/s, 50mm/s

Heart Rate range: Adult: 15-300bpm;

Pediatric/Neonatal: 15-350bpm

Accuracy: ±20mm or ±2%, whichever is greater

Resolution: 1bpm

Protection: Withstand 4000VAC/50Hz voltage  
in Isolation. Against electro surgical  
interference and defibrillation

CMRR: 85 dB

Calibration signal: 1mV±5%  
Operation modes: Diagnostic, Monitor, Surgery  
Bandwidth: 0.05-75 Hz  
Alarm range: Adult: 0-300bpm  
Pediatric/Neonatal: 0-350bpm

S-T detection: YES  
Measurement range: -1.0mV-1.0mV  
Alarm range: -1.0mV-1.0mV

Arrhythmia analysis: YES  
Pacemaker analysis: YES  
Alarm: YES, audible and visual alarm,  
alarm events recallable

Respiration  
Method: RA-LL impedance  
Measurement range: Adult: 1-99 rpm  
Pediatric/Neonatal: 1-99 rpm  
Resolution: 1 rpm  
Accuracy: ±2 rpm  
Alarm range: Adult: 1-99 rpm  
Pediatric/Neonatal: 1-99 rpm

NIBP  
Method: Oscillometric  
Operation modes: Manual/Automatic  
Measurement unit: mmHg/kPa selectable  
Measurement types: Systolic, Diastolic, Mean  
Measurement range: Systolic: 40-300 mmHg  
Diastolic: 10-220 mmHg  
Mean: 20-240 mmHg  
Over-pressure protection: YES  
Resolution: 1mmHg  
Accuracy: Mean error and standard deviation  
per ANSI/AAMI SP-10

Alarm: Systolic: 40-240 mmHg  
Diastolic: 10-180 mmHg  
Mean: 20-200 mmHg

Temperature  
Measurement range: 0-45°C  
Resolution: 0.1°C  
Accuracy: ±0.2°C (including probe)  
Channel: Dual-channel  
Alarm range: 0-45°C

SpO<sub>2</sub>  
Measurement range: 0-100%  
Resolution: 1%  
Accuracy: 80-100% ±2digit  
60-79% ±3digit  
0-60% unspecified

Alarm range: 0-100%

Pulse Rate:  
Range: 0-254 bpm  
Resolution: 1 bpm  
Accuracy: ±2bpm or ±2%, whichever is greater  
Alarm range: 0-254 bpm

#### Standard configuration:

ECG/Resp, NIBP, SpO<sub>2</sub>, Temp, One Battery

#### Optional configuration:

IBP, EtCO<sub>2</sub>, Thermal Recorder

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MARKETED IN INDIA BY:



NIBP MONITOR  
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CARDIAC MONITOR  
DIGITAL THERMOMETER  
NEBULIZER  
PULSE OXIMETER  
FETAL HEART MONITOR  
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