



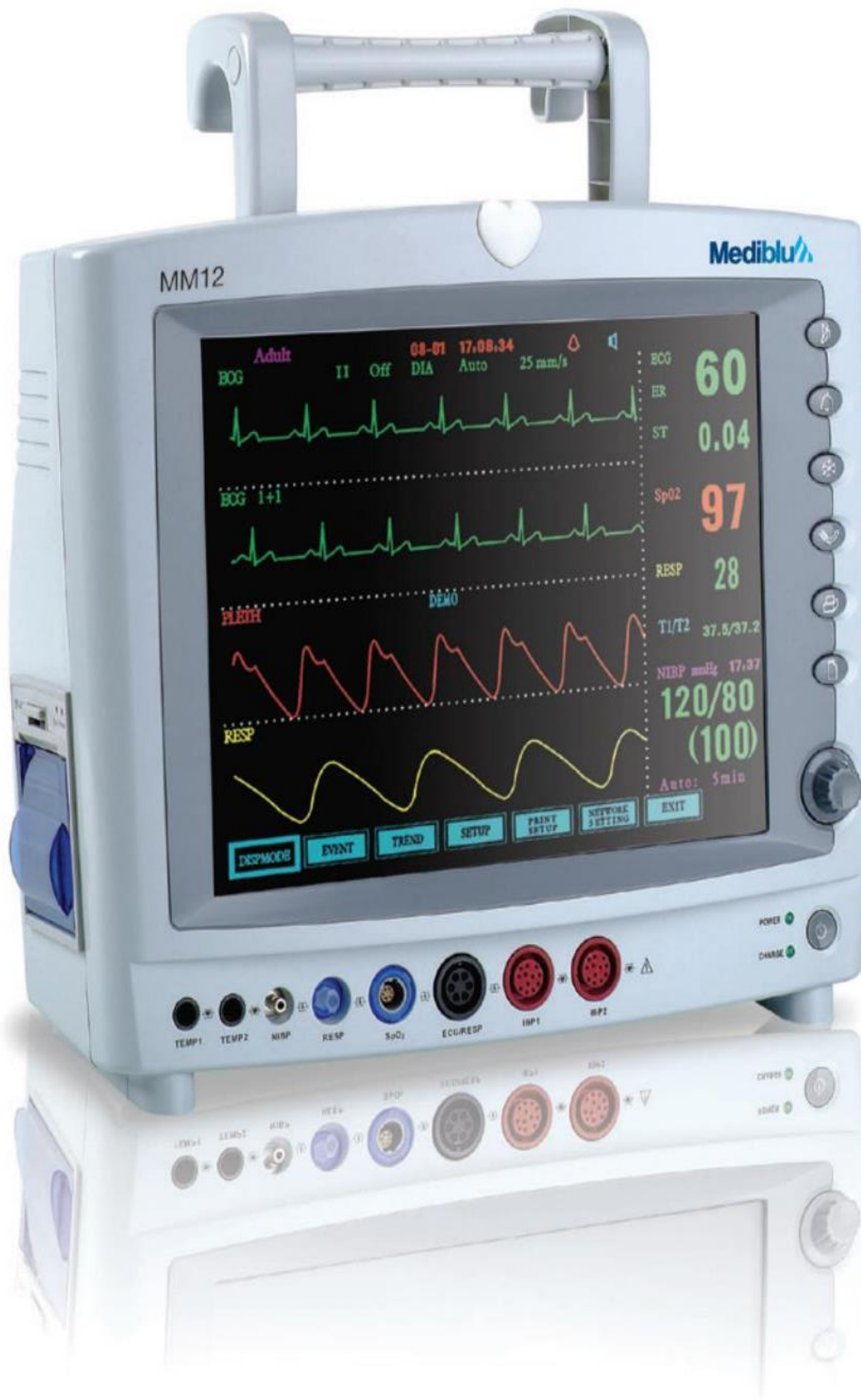
MM12

PMU0012 Multi Parameter Monitor



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- 12.1" color TFT LCD screen with multi-channel waveform display.
- Battery: Rechargeable high-energy built-in battery.
- Advanced streamline outline design, portable, compact, Operating menu with multi-language interface selection: English, Spanish.
- Easy operation with user friendly menu structure design and rotary dial.
- Against & eliminate ESU interference & defibrillation, no need to disconnect the monitor from the patient in process of defibrillating.
- Three-application mode: monitoring, diagnosis, operating.
- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.
- Optional built-in wireless networking function, thermal printer and touch screen.
- 360 hours data storage.
- Drug dose calculation function.
- Intelligent audio and visual comprehensive alarm.
- In-hospital applications include emergency room's pre and post operative care, ICU, Operation room/theater, ambulatory surgery, intermediate care, labor and delivery, and hospital-based special procedure areas.
- Suitable for use in physicians' offices, clinics, outpatient surgical centers, extended care facilities and other patient care areas, which of require affordable monitoring.
- Suitable for adult, pediatrics, neonates.

Technical Specifications

ECG

| | |
|-------------------------------|-------------------------------------|
| Input: | 3 wires /5 wires ECG cable |
| Lead section: | I,II,III/ I,II,III, aVR, aVL, aVF,V |
| Gain(mm/mV): | 1/4, 1/2, 1, 2, 4 |
| Sweep speed(mm/sec): | 6.25,12.5, 25, 50 |
| Heart rate range: | 10 to 300 BPM |
| Heart rate accuracy: | ±1 % |
| ST segment deviation analysis | |

NIBP (Non-invasive blood pressure)

| | |
|---------------------|--|
| Measurement type: | adult, pediatric, neonatal |
| Measurement range: | Systolic 4.0 - 37.0 kPa Diastolic 1.3 - 33.0 kPa Mean 2.6 - 35.0 kPa |
| Accuracy: | ±0.4 kPa or 5 % |
| Resolution: | 0.1 kPa |
| Tourniquet function | |

Temperature (surface and rectal)

| | |
|--------------------|-----------|
| Measurement range: | 0-50.0 °C |
| Accuracy: | ±0.1 °C |
| Resolution: | 0.1 °C |
| response time: | ±3 min. |

Respiration Rate

| | |
|--------------------|---------------|
| Measurement range: | 0 - 200 BPM |
| Accuracy: | ±1 BPM or 5 % |
| Resolution: | 1 BPM |

Pulse Rate

| | |
|--------------------------|------------|
| SpO2 measurement range: | 0-100 % |
| Resolution: | 1 % |
| Pulse measurement range: | 30- 250BPM |
| Accuracy: | ±2 % |
| Resolution: | 1 BPM |

IBP (Invasive blood pressure) (Option)

| | |
|-------------------------|--------------------------|
| Measurement range: | -1.3~40kPa (-10~300mmHg) |
| Channel: | 2 channels |
| Transducer sensitivity: | 5MV/V/mmHg |
| Unit display: | KPa or mmHg selectable |

ETCO2 (main/side stream type) (Option) -Plug&Play

| | |
|----------------------------|---|
| Measurement range: | 0-150 mmHg (Barometric pressure supplied by Host) |
| Accuracy: | 0-40 mmHg ±2mmHg 41-70 mmHg ±5% of reading 71-100mmHg ±8% of reading 101-150mmHg ±10% of reading |
| Above 80 breath per minute | ±12% of reading |
| Sample rate: | 50ml/min |
| Response time: | < 3 seconds-includes transport time and rise time |

Cardiac Output (Option)

| | |
|--------------------|---|
| Method: | thermodilution |
| Measurement range: | CO: 0.1-20.0 L/min TB: 23-43 TI: 0-27 |
| Resolution: | CO: 0.1 L/min TI: 0.1 TB: 0.1 |
| Accuracy: | CO: ± 0.2 L/min or ± 5% TB: ± 0.2 TI: ± 0.2 |

Parameter output:

Cardiac output Hemodynamics calculation

Power requirements

| | |
|--------|-------------------------|
| Input: | AC: 100/240 V, 50/60 Hz |
|--------|-------------------------|

| | |
|----------------------|----------------|
| Safety standard: | IEC 60601-1 |
| Quality System: | ISO13485: 2003 |
| Product Certificate: | FDA |

OPTIONS

| |
|--------------------------|
| Touch Screen |
| 12 ECG Lead |
| Nellcor Spo2 |
| Masimo Spo2 |
| IBP Range-50 to 300 mmHg |
| Recorder |

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