Mediblu

MM12
Patient Monitor

MM12

Patient Monitor

- 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 ºC
Accuracy:	±0.1 ºC
Resolution:	0.1 ºC
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)

Meathod:	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

Mediblu

Mediblu offers quality products to Latin America.
We provide integrated solutions for all your medical needs.

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