

Intensive Care Patient Monitor

MP1000NT

Enhanced Multiparameter Patient Monitor

Full Arrhythmia Analysis & Event Managing

72hr Tabular and Graphic Trend

For High-end User's demand



MP1000NT

SPECIFICATIONS

Performance

ECG

Channel : 2 channels
Electrode : 3 or 5 electrode
Lead : 7 Lead (I, II, III, aVR, aVL, aVF, C) selective
Dynamic range : 10mV
Heart rate L 20 ~ 300 bpm
Accuracy : +/-2%
Input signal range : +/-0.5mV ~ +/-5mV
Defibrillator Protection : Defibrillator Discharge : <5s
Defibrillation Artifact Recovery Time : <8s
Pacemaker Detection Mode : User Selectable
ST Level measurement : User Selectable
Arrhythmia analysis
PVC Detection with display indicator : available

Respiration

Method : ECG Lead LA-RA impedance method
Respiration rate 2~150 bpm
Accuracy +/-1 bpm
Impedance range 100 ~ 2K ohm
Detect sensitivity 0.5 ohm min

SpO2

Range 0 ~ 100%
Accuracy Adult
+/-2% for readings 70~100%
+/-3% for readings 50~69%
Neonate
+/-3% for readings 70~100%
Unspecified 0~49%

NIBP

Measurement range 0 ~ 300mmHg
Auto deflation pressure
Adult 300mmHg
Neonate 150mmHg
Measurement time max40 sec.

IBP (2-IBP optional)

Measurement range -50~300mmHg
Sensor 5uV/mmHg (Optional)
Accuracy +/-2%
Zero balance +/-150mmHg

Temperature (2-Temperature optional)

Sensor Temp Sensor (Optional)
Resolution 0.2°C
Measurement range 0~50°C
Accuracy +/-0.4°C (15~34°C, 41~45°C)
+/-0.2°C (34~41°C)

General

Display

Display 10.4" Color TFT LCD
Resolution 640 x 480 VGA STD
Trace line 6 wave form max.
Vital sign graphic HR, SpO2, NIBP, IBP, Temp, Resp, Trend

Display parameter

Heart rate and Alarm limit
SpO2 percentage and Alarm limit
Blood pressure (NIBP, IBP)
Respiration
Temperature
72hrs Graphic Trend of Vital signs, Value & time
Name, Bed ID, Date & time and menu information
Event Management (Save up to 20 Event memory capacity)

Alarm

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

Power input

100 ~ 240 VAC, 50/60Hz

Battery

12V 2Ah
Operating time 1Hr
(Optional High capacity battery : 2Hrs)

Power consumption

50W max

Dimensions

W 282 x H 315 x D 165

Weight

5kg max (With printer)

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)

Printer (Optional)

58mm thermal printer

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MEK
Intensive Care System

CE 0470

Intensive Care Patient Monitoring Systems

Display for easy Viewing

10.4" Superior resolution color TFT LCD
Visible Pop-up menu for easy set-up
User selective up to 6 traces display



Advantage for high-end user

ECG, SpO₂, NIBP, 2-IBP, 2-TEMP, and Respiration
Full Arrhythmias analysis
S-T segment
Pacemaker detection
72 hours tabular and graphic trend
Save up to 20 Event management
(10sec Arrhythmia ECG wave recall)
Fast set-up time
VGA signal output to external monitor

User-Friendly design

Slim & Innovative design with handy grip handle
Hot-keys & Encoder knob for easy access
Movable handle holder to hook in bedside rail
Visual alarm lamp and message with information

Sensor interface

Firmly jointed connector for various kind of sensor.
Efficient connector interface allows you to make immediate sensor connection without any difficulty.



Main options

Built-in 58mm thermal printer
For numeric data and waveform
IBP cable and sensor kit
2 Types of Oximeter available (MEK / Nellcor)
Multi site SpO₂ sensor (Y type)
Central Monitoring system



Event management

Data recall

Saving and management of individual EVENT in case of finding ARRHYTHMIA.



Graphic & tabular trend

Up to 72hours of graphic and tabular trend of all parameters, and 4,320 sets (a set per minute) of vital signs list data can be stored and reviewed.



Zoom display

Recall event data with graphic for 10 sec. and available zooming in graphic for 2 sec. to observe closely

