Cardio Técnica

Fabrica Argentina de ***Equipamiento Hospitalario***

MA507

WARRANTY CARDIOTECNICA

Designed and manufactured in Argentina.
Warranty provision of spare parts

Multi-Parameter Patient monitor

Quality technology for the diagnosis

Multi-Parameter Patient monitor **MA5XX**

Models

MA512

Color TFT Display	Parameter	Parameter (optional)	Waveform Display	Dimension (mm)	Weight (Including battery)
12"	ECG Respiration Temperature SpO2 NIBP	CO2 Invasive Blood Pressure Cardiac Output	4, 6, 8 Leads	High:260 Width:360 Depth:160	5,6 Kg

MA507

Color TFT Display	Parameter	Parameter (optional)	Waveform Display	Dimension (mm)	Weight (Including battery)
7"	ECG Respiration Temperature	SpO2 NIBP	3, 4 Leads	High:190 Width:270 Depth:160	3,2 Kg

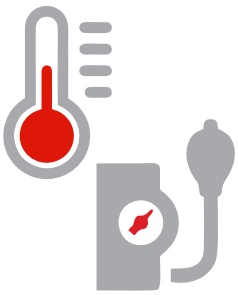
MA507
SPO2 / CO2 Monitor

Color TFT Display	Parameter	Parameter (optional)	Waveform Display	Dimension (mm)	Weight (Including battery)
7"	SpO2 CO2	No	3, 4 Leads	High:190 Width:270 Depth:160	3,2 Kg

* Specifications subject to change without pior notice

Characteristics

General to all models



Input Circuit: Floating - Patient leakage current: less than 10μA
Protect from defibrillation.
ECG mode: 5-leads and 3-leads selectable
SpO2 Display: Digit, waveform, pulse rate.
Respiration Measuring Method: impedance.
NIBP method: Automatic oscillometric.
Manual/Auto/Stat Measurement of NIBP, Auto interval selectable
Two temperature with calculation of differential temperature.
BCI EtCO2 module, Method side stream .
CO2 display: Waveform, respiration rate, EtCO2, InCO2.
Dual IBP provided with world standard sensor and accesories.
Measurement of pressure SYS/DIA/MAP
Cardiac output module: Method Thermodilution
CO display: Cardiac Output Measurement Results, Temperature of Blood, Temperature of Injection

Elegant and compact appearance, high mechanical rigidity.
Built-in handle for easy transport.
Easy operation with user friendly menu structure design and rotary dial.
Two kinds visual screen: Waveform Mode or Numeric Mode.
High data storage capacity. Presentation in the form of trends and tables of values.
QRS complex: indicator visual and audible from the ECG or SpO2
Individual speed control for the circulatory system and respiratory system.

Night Mode
Digital Control of Brightness and Audio Volume.
Menu, messages and indications in three selectable languages.
Date and time in display.
Name of the Institution in display.

Full alarm feature include 3 alarm level, alarm sound, alarm light and on screen alarm message.
Alarms: physiological, messages and techniques.
Silence Alarm.

AC input 100-240VAC, 50/60Hz
Built-in Rechargeable Battery
Ambulance 12V DC application

Product approved by Ministry of Health and Environment
A.N.M.A.T. PM1230-7.

Characteristics

ECG
Imput: 3 wires/5 wires ECG cable
Lead selection: I, II, III, aVR, aVL, aVR, V
ECG Gain: 0.25, 0.50, 1, 2mm/mV
Calibration: ±1mV
Measurement range Heart rate: 15 ≈ 250bpm
Accuracy of Heart rate: ±2bpm
Sweep speed: 12.5, 25, 50mm/s
CMRR: ≥100dB
Protection:
Against electrosurgical interference and defibrillation

Respiration
Measurement method: Thoracic impedance
Measurement range: 1 ≈ 120bpm
Lead selection: RA-LA, RA-LL
Resolution: 1bpm
Display: Waveform, Respiration rate

Temperature
Number of cannel: 2
Measurement range: 0°C ≈ 60°C
Unit: °C
Resolution: 0.1°C
Display: T1, T2, ΔT

SpO2
Measurement range: 0 ≈ 100%
Resolution of SpO2: ±1%
Accuracy of SpO2: ±2% (70%≈100%)
Pulse rate range: 30 ≈ 250bpm
Accuracy of Pulse rate: ±2bpm
Display: Waveform, Pulse rate
Sensor: Finger clip, Universal Y

NIBP
Measurement method: Automatic Oscillometric
Parameters: Systolic, diastolic, mean, pulse rate
Unit display: mmHg
Operating modes: Manual / Auto
Automatic measuring time: 1 ≈ 90 minutes
Inflation time: ≤10s (typical adult cuff)
Cuff pressure range: 0≈300mmHg
Monitoring range:
Adult 10 ≈ 255mmHg / Neonate 10≈135mmHg
Accuracy of NIBP: ±3mmHg

Available Configuration

MA507-1
ECG / Respiration / Temperature

MA507-2
ECG / Respiration / Temperature / SpO2

MA507-3
ECG / Respiration / Temperature / NIBP

MA507-4
ECG / Respiration / Temperature / SpO2 / NIBP

Connectivity **MA5XX**

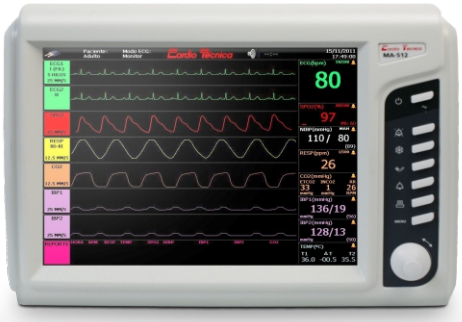
Possible connection to **Central Monitoring Multiparameter.**
Transmission of all parameters with graphical information, numerical information, alarm status, and messages via RS422 port.

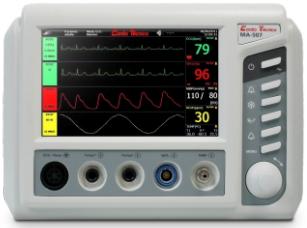
- Easy access to connections

- Connectivity

- Easy Transport

- Intuitive Interface





CAEHFA
Cámara de Equipamiento Hospitalario de Fabricación Argentina

Argentina

cardiotecnica.com.ar
info@cardiotecnica.com.ar