



## Cardio M Plus

Compact and reliable multi-channel electrocardiograph with 7" Touchscreen Display

- Real-time 12 ECG-lead waves in the color 7" LCD touch screen with interpretation
- Built-in memory for 120 ECG's
- Expression in the format DIN A4
- Supports transfer of stored patient data to USB Stick
- PC software for computer connection
- Spirometer is applicable (optional)
- Rechargeable battery (optional)

# Specifications

ECG - Features	
ECG leads	Standard 12 leads
Recording channel	1, 3, 6 and 12 channel
Sensitivity	5, 10, 20, auto (I ~ aVF: 10, V1 ~ V6: 5) mm/mV
Basic measurement	Heart rate, PR, QRS, QT / QTc, P-R-T axes
Display	
Type	800 x 480 pixel color LCD display
User interface	Keyboard with touch screen
Character available	Alphanumeric and symbol
Printer	
Printing speed	12.5, 25, 50 mm/s
Recording system	Thermal print head
Effective writing width	204 mm
Recorder	Resolution
Vertical	8 dots / mm
Horizontal	16 dots / mm
Paper type	Thermal roll paper
Set - up	
AC	50 / 60 -- 20 dB or better
Muscle	25 ~ 35 Hz -- 3 dB
Base line drift	0.1 Hz -- 3 dB or lower
Low pass filter	off, 40Hz, 100Hz, 150 Hz
Patient data	ID, name, age, sex, height, weight
Communication & Protection	
Communication	PC connection by LAN, data transfer to USB Stick
PC - Software	ECG Plus_Spiro
Defibrillation protection	Provided
Signal quality control	Disconnected lead detection
Frequency response	0.05 ~ 150 Hz within -3 db

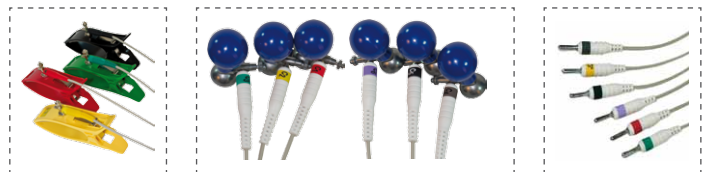
**Dimension** 296 (W) x 305,5 (H) x 97,5 (D) mm, about 3,2 kg



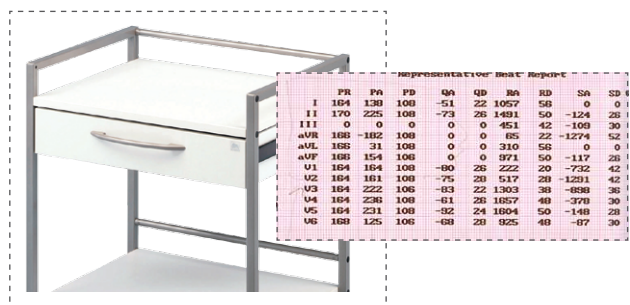
medical **ECONET**

Electrial Features	
Input circuit	Floating input, Isolated and defibrillation protected
Input impedance	≥ 10 MΩ
Input range	≥ ± 5 mV
Common Mode Rejection	≥ ± 100 dB
DC offset voltage	≥ ± 300 mV
Time constant	3.2 sec. (-0 ~ +20 %)
Patient isolation	< 10 μ A
Power supply	AC or built-in Battery (option)
Power requirement	100 - 240 Vac, 50 / 60 Hz, 1.0 - 0.5 A
Power consumption	60W max
Safety	Class I, Typ BF
Enviromental Specifications	
Operation Humidity	30 ~ 85 % R.H
Operation Temperature	10° ~ 40° C (50° ~ 104° F)
Atmospheric Pressure	70 ~ 106 KPa

## Standard Accessories



## Interpretation by Minnesota - Code



## Optional Accessories



CE 0123

distributor

MESA Medizintechnik GmbH  
Schärfmühlweg 4  
D-83671 Benediktbeuern

Phone: +49-8857-6918-0  
Fax: +49-8857-6918-29  
Homepage: [www.mesamed.de](http://www.mesamed.de)  
e-mail: [info@mesamed.de](mailto:info@mesamed.de)

\*All specifications are subject to change without notice.