

RS ENTERPRISES

Your Trusted Partner in Neuro & Medical Diagnostics

ISO 9001:2015 Certified | CE & CDSCO Approved Equipment

25+ Years Expertise in Cardiology & Diagnostics | MSME & GeM Registered

ECG Machines – Comparative Brochure

Single Channel | 3 Channel | 12 Channel (Standalone & Computerised)

Features	Single Channel (CARDIOFAX)	3 Channel (ECGSmart-3)	12 Channel (Standalone)	12 Channel (Computerised)
Channels	1	3	12	12
Display	LCD	4.3-5" LCD	7" TFT Color Touch	Windows PC Display
Operation Modes	Auto & Manual	Auto / Manual / Arrhythmia	Auto / Manual + Cloud	Auto / Manual
Leads	12 Standard	12 Standard	12 Standard	12 Standard
Data Storage	50+ ECGs	100+ ECGs	25 Patients / 500 ECGs	PC-based with PDF & Email
Frequency Response	0.05-150 Hz	0.05-150 Hz	0.05-150 Hz	0.05-100 Hz
Battery	Rechargeable (>50 ECGs)	Rechargeable + AC	Li-ion (500+ ECGs)	PC dependent
Printer	Thermal Array Printer	80 mm Thermal Roll	210 mm Thermal A4	A4 via Windows Printer
Weight	1.5 kg	2.5-3.5 kg	2.7 kg	PC-based
Compliance	CE Certified	CE & IEC 60601	CE Certified	CE Certified
Applications	Clinics, OPDs, Nursing Homes	OPDs, Nursing Homes, ICU, Mobile Vans	Hospitals, Research	Hospitals, Teaching, Diagnostics
Price (INR)	42,560	33,600	67,200	42,560

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Cardiofax

Single Channel ECG



- Ample clear ECG tracings.
- Automatic & Manual modes.
- Feather touch key operation.
- Parameters Display on backlit LCD.
- In built rechargeable battery with charger.
- Compact light weight portable easy to use.
- Maintenance free thermal array printer hence free from friction, non linearity, damping & stylus heating problems.

MEDICAID *Serving Health Through Technology*

Leads	: Standard 12 leads	CMMR	: Greater than 120 db
Input Impedance	: 50M ohm	Frequency Response	: .05 to 150 Hz
Time Constant	: 3.2 Seconds	A/D Conversion	: 12 bit
Noise	: +1/4 LSB (Less than 1 micro Volt peak to peak)	Leakage Current	: <10 micro amps
Filters	: Digital AC 50 Hz & muscle	Recording Format	: Two Auto & Manual
Writing Device	: Electronic thermal array Printer	Recording Length	: 2, 3 Sec./lead User Selectable
Recording Paper	: Thermal 50 mm x 30 mtrs.	Sensitivity	: 5, 10 & 20 mm/mv.
paper Speed	: 12.5, 25 & 50 mm/Sec.	Recording Tracks	: Single Channel Automatic trace centring
Power Supply	: 230 Volt. AC 50Hz.	Battery Life	: More than 50 ECG
Weight	: 1.5 Kg (with battery)	Dimension	: 230 L X 165 W X 65 H (mm)
Temperature	: 5° to 50° C (41°-122° F)	Humidity	: 15% to 95% RH, non conditioning
Print Out	: ECG Trace, Gain, paper speed, Lead Marking & Calibration Pulse		

Standard Accessories

Cardiofax

10 lead patient cable	: 01 No.	Limp Electrodes	: 04 Nos.
Carry Bag	: 01 No.	Gel Bottle	: 01 No.
Earth Cable	: 01 No.	Dust Cover	: 01 No.
User Manual	: 01 No.	Recording Paper	: 01 Roll
Chest Electrodes with Rubber Bulbs	: 06 Nos.		

Cardiofax-3R

Three Channel ECG Machine.

- 5 Patient Storage.
- Online Heart rate Display.
- Parameters display on backlit LCD.
- Provides accurate, validated measurements of Heart rate, Axis, Intervals and duration with interpretation.



MEDICAID also manufactures PC based ECG, PC based SPIROMETER, ECG MONITOR, Pulse Oximeter, BIOFEEDBACK, Neuropage Plus DIGITAL EEG, Neurovision Video EEG, Analog EEG, Neuroperfect EMG/EP Systems, ECT machines, Polygraph etc.

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MANUFACTURED BY



MAESTROS
ELECTRONICS



MR 300

Portable ECG Machine



Features

- 5" colour TFT display
- 12 lead simultaneous acquisition
- Inbuilt 3" thermal array printer
- ECG measurement & interpretation
- More than 50 ECG on full charge battery
- PC connectivity via USB memory
- Unlimited data storage via USB stick
- Cloud server connectivity via BT/GSM (optional)

Technical Specifications

Measuring Parameters

Leads	12 Standard Leads
Mode of Operation	Auto / Manual
Long Lead Print	Yes
ECG Print Style	3,3+1
Display Lead	Yes
Display Type	5" Color TFT
Display Resolution	800x480 Pixels
Frequency Response	0.05 to 125 Hz
Sweep Speed	12.5/25 mm/s
Sensitivity	5/10/15/20 mm/mV
CMRR	>90 dB
Input Impedance	>100 M Ohms
Patient Storage Data	5 Patients
Printer Type	Thermal
Paper Width	80 mm
Memory Stick Interface	Yes
Interpretation	Yes

Physical Characteristics

Weight	850 Grams
Dimensions	250(L)x155(B)x65(H) mm



MR 300
Portable ECG Machine

Electrical

Power Supply	110 VAC to 260 VAC, 50-60 Hz
Power Consumption	30 Watt
Filters	Digital AC/ 50 Hz
Battery Rating	7.4 V, 2200 mAh, Li-ion Battery
Recharging Time	4 Hours Max.
Operating Time	>40 ECG's

Operating & Storage Condition

Temperature	25-55°C
Pressure	50-160 Kpa
Humidity	Up to 90% non condensing



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MAESTROS
ELECTRONICS



MR 900

12 Channel ECG Machine



Features

- 12 channel A4 size ECG printing
- 5" colour TFT display with touch screen
- ECG measurement & interpretation facility
- More than 50 ECG on full charge battery
- Patient data input via touch screen
- Configurable printing formats
- PC & memory stick download
- Cloud server connectivity via BT/GSM

Technical Specifications

Measuring Parameters

Leads	12 Standard Leads
Mode of Operation	Auto / Manual
Long Lead Print	Yes
Test Performance	Auto mode: 3x4+1R, 3X4+3R, 6x2, 12 Manual mode: 3L, 6L, 12L
Display Lead	Yes
Display Type	5" Color TFT
Display Resolution	800 x 480 Pixels
Frequency Response	0.05 to 150 Hz
Sweep Speed	12.5/25 mm/s
Sensitivity	5/10/15/20 mm/mV
CMRR	105 dB
Input Impedance	>10 M Ohms
Patient Storage Data	25 Patients
Printer Type	Thermal Printer
Paper Width	210 mm
Memory Stick Interface	Yes
Interpretation	Yes

Physical Characteristics

Weight	2.730 Kg
Dimensions	308 (L) x 240 (B) x 80 (H) mm



MR 900
Portable ECG Machine

Electrical

Power Supply	100-240 VAC, 50-60 Hz, 1.5A-0.8 A
Power Consumption	65 Watt
Filters	Digital AC/ 50 Hz
Battery Rating	11.1 V, 4400 mAh, Li-ion Battery
Recharging Time	4 Hours Max.
Operating Time	>50 ECG's

Operating & Storage Condition

Temperature	5-55°C
Pressure	50- 160 Kpa
Humidity	Up to 90% non condensing



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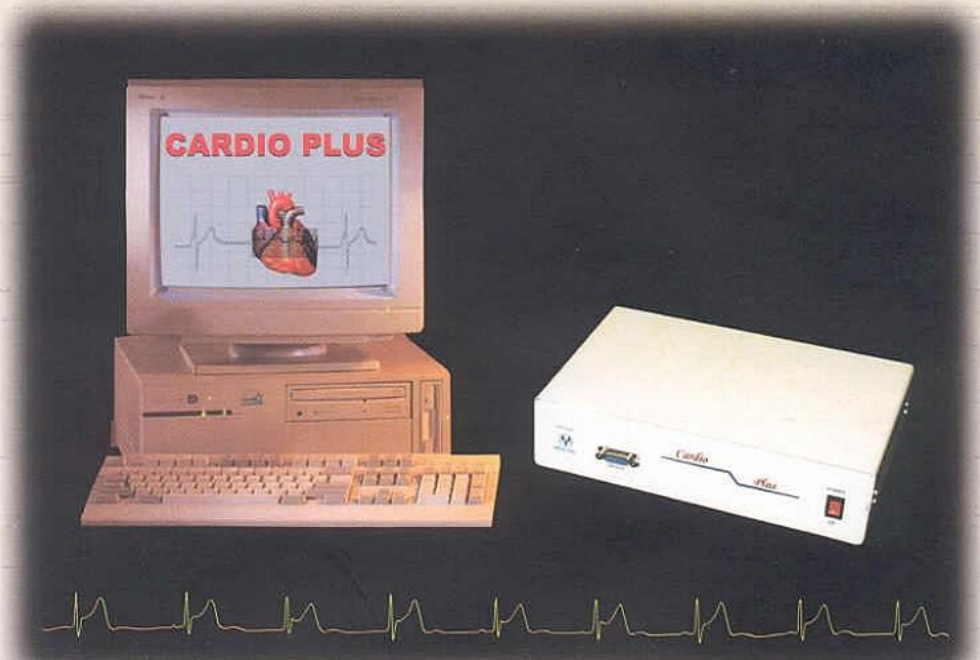
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Cardio + Plus

PC ECG

MEDICAID introduces Computerised Windows based 12 channel ECG Systems that meets your individual requirements and also meets your international standards.



Features :-

- Simultaneous acquisition of 12 leads.
- Automatic or manual measurements.
- Adjustable gain, sweep speed and filters.
- Selectable lead colours on screen and on print outs,
- Storage on hard disk, floppies and CD-ROM. (Optional)
- Storage of different visits or multiple ECG pages in the same file for easy retrieval, record keeping and comparison.
- Easy connectivity with Laptop & Desktop PC.
- Economical Print outs on a standard A4 size paper with & without grid.
- Automatic measurement of Amplitude of all 12 leads, AXIS (P, QRS and T).
- Various intervals / duration, PR, RR, QRS, QT & QTc.
- Facility to print name of a disease and its impression on each page of the ECG data.
- Split Screen facility.
- Comprehensive reports can be printed for all display types of Review and Analysis.
- Print card output in various formats.
- Operating Systems Window - 95/98/ME.
- Transfer of ECG data via E-mail.
- Optional data storage in PDF format.
- Advanced patient data management.
- No hardware installations internal to the PC.



MEDICAID

Clinical Electrocardiograph

