

## Electrocardiograph

# MeCA406i

### 12 Lead Resting ECG Analysis System.

12 Lead Interpretative ECG.

3/6Ch ECG Recording.

4 Inch Roll & Z-fold Type ECG Recording Paper.

4.3" Color TFT LCD (480x272)

Multi-language.

Internal and External (SD card) ECG Memory.

Lead-Fail, Pacemaker Pulse Detection.

Rechargeable Battery.

ECG Management PC Software (Mecalzyer).



Model	MeCA812i	MeCA406i	MeCA303i
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### Display

LCD Type	5.7", Mono	4.3", Color
Resolution	320 x 240 dots	480 X 272 dots

### Computerized Electrocardiograph

ECG Storage	Internal	50	100
	External(SD):	5,000	5,000
Acquisition & Analysis		12Leads Simultaneously	
Dynamic Range		AC differential: ±5mV, DC offset: ±300mV	
Sampling Rate(samples/second/channel)		1,000	2,000
Frequency Response(Hz)		0.05 to 150	0.04 to 150
Common Mode Rejection(dB)		≥ 100	≥ 100
Input Impedance(M $\Omega$ )		≥ 50	≥ 10
Communication		RS232 or RJ45	RS232 or RJ45(Option)
Firmware Upload		Use the USB Memory Stick	
Filter(Hz)	AC Line	50, 60	50, 60
	Low Pass	40, 100, 150	40, 100, 150
	High Pass	0.05, 0.16, 0.3, 0.5	0.04, 0.05, 0.16, 0.1, 0.3
	Muscle	○	○
	Anti-Floating System(AFS)	○	○

### Writer

Type	Thermal dot array (Voltage axis: 8dots/mm, Time axis: 16dots/mm)			
Number of Traces	3, 6 or 12 user-selectable	3 or 6 user-selectable		
Sensitivity / Gain	5, 10, 20mm/mV			
Speeds	5, 10, 25, 50mm/sec			
Amplitude Accuracy	±5%			
Speed Accuracy	±5%			
Paper	Z-fold (W×L×sheets)	282mm×215mm ×200 sheets	110mm×100mm ×300 sheets	80mm×80mm ×300 sheets
	Roll (Length)	×	110mm×30m	80mm×30m

### Electrical

Power Supply	AC or Battery operation		
AC Input	100-240VAC 50/60Hz, 110VA	100-240VAC, 50/60Hz, 60VA	100-240VAC, 50/60Hz, 70VA
Battery Type	14.4V Rechargeable Ni-MH, 3,800mAh	9.6V Rechargeable Ni-MH, 2,700mAh	
Battery Capacity	Printing @Automode	200 records	100 records
	Standby Time	5 hours	3 hours

### Physical

Dimension (W x L x H)	385mm×367mm×101mm	311mm×242mm×85mm
Weight	4.5kg	2.4kg

### Safety

Classification	Class I, Internally powered	
Type of protection	Type CF with defibrillation protection	
Patient Leakage Current	< 10 $\mu$ A	