

CM 300

Three Channels Electrocardiograph



- High resolution LCD screen 320 x 240, vivid waveform display
- 12 leads ECG simultaneous acquisition
- Built-in high-resolution thermal printer
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Anti-defibrillation and Pace-maker detection
- Complete digital filtering, resisting baseline drift. Automatic baseline adjustment
- Automatic ECG measurement and interpretation
- Large patient data storage: 150ECGs, USB for data transfer to PC
- Three printing formats (Auto, Manual and Rhythm) selectable
- 1/2/3 channel ECG waveform and rhythm leads record out
- Lead status diagram display



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Technical Specifications



Input Circuit Lead	Defibrillator protection built-in
Acquisition Mode	Standard 12 leads
A/D Converter	12-leads ECG simultaneously
Measurement range	12 bits
Time Constant	$\pm 5\text{mVpp}$
Frequency Response	$\geq 3.2\text{s}$
Calibrating Voltage	0.05-150Hz
Sensitivity	$1\text{mV} \pm 2\%$
Input Impedance	2.5, 5, 10, 20mm/mV
Input Circuit Current	$\geq 50\text{M}\Omega$
Noise Level	$\leq 0.05\text{mA}$
Anti Baseline Drift Filter	$\leq 15\text{uVp-P}$
CMRR	Automatic
Recording Mode	EMG Filter 25Hz/35Hz/45Hz/OFF
	DFT Filter 0.05/0.1/0.2/0.5Hz
	Lowpass Filter 150Hz/100Hz/70Hz
	AC Filter 50Hz/60Hz/OFF
	$>100\text{dB}$
Rhythm Lead	Auto: 3CH, 3CH+1R, 1CH, 1CH+1R
Power Supply	Manual: 3CH, 1CH
	Rhythm: Single rhythm lead
	Any lead selectable
	AC: 220V-240V, 50/60Hz
	Built-in rechargeable Li-ion battery voltage=14.4V
	More than 2 hrs continuous work under batter supply
Recorder	Thermal Printer
Paper Style	Rolled or folded
Record Pater	80mm x 20m
Paper Speed	5mm/s, 10mm/s, 25mm/s, 50mm/s
Dimension	320mm x 280mm x 65mm
Weight	3kg (with battery)
Display	320 x 240 pixels LCD
External Input/Output	Input: $\geq 100\text{k}\Omega$: Sensitivity 10mm/V $\pm 5\%$
	Output: $\leq 100\Omega$ Sensitivity 1V/mV $\pm 5\%$
Communication Interface	Ethernet



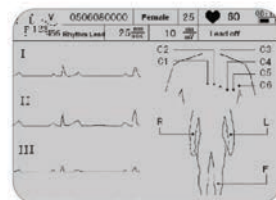
Compact, light weight and portable design



Simple interface display, easy operation mode



Automatic measurement report



ECG lead status diagram map

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