

COMEN

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CM300

3-Channel Electrocardiograph

- 320 x 240 dot single color LCD screen, vivid waveform display
- 12-lead ECG simultaneous acquisition
- Built-in thermal printer
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Anti-defibrillation
- Completely digital filter, resist baseline drift. Automatic baseline adjustment
- Automatic ECG measurement and interpretation
- Large patient data storage: 150 cases, 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
- Leads status map display

CE 0434



CM300

3-Channel Electrocardiograph

Technical Specifications



Input Circuit	Defibrillator protection built-in
Lead	Standard 12 leads
Acquisition Mode	12-leads ECG simultaneously
A/D Converter	12 bits
Measurement range	$\pm 5\text{mVpp}$
Time Constant	$\geq 5\text{s}$
Frequency Response	0.05-150Hz
Calibrating Voltage	$1\text{mV} \pm 2\%$
Sensitivity	2.5, 5, 10, 20mm/mV
Input Impedance	$\geq 50\text{M}\Omega$
Input Circuit Current	$\leq 0.05\text{mA}$
Noise Level	$\leq 15\mu\text{Vp-P}$
Anti Baseline Drift	Automatic
Filter	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
CMRR	$> 100\text{dB}$
Recording Mode	Auto: 3CH, 3CH+1R, 1CH, 1CH+1R Manual: 3CH, 1CH Rhythm: Single rhythm lead
Rhythm Lead	Any lead selectable
Power Supply	AC: 100V-150V / 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
Record Paper	80mm x 20m
Paper Speed	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
Dimension	430mm x 175mm x 350mm
Weight	3kg (with battery)
Display	320 x 240 dot LCD
External I/O	Input: $\geq 100\text{k}\Omega$; Sensitivity 10mm/V $\pm 5\%$ Output: $\leq 100\Omega$; Sensitivity 1V/mv $\pm 5\%$
Optional Function:	ECG working station



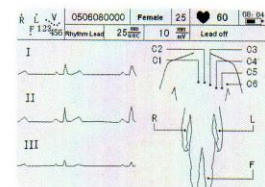
Compact, portable design



Simple interface display,
easy for operation



Automatic diagnosis
report



Leads status map

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