

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



CM 300

Three Channels 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	$\pm 5mV_{pp}$
Time Constant	$\geq 3.2s$
Frequency Response	0.05-150Hz
Calibrating Voltage	1mV $\pm 3\%$
Sensitivity	2.5, 5, 10, 20mm/mV
Input Impedance	$\geq 50M\Omega$
Input Circuit Current	$\leq 0.05mA$
Noise Level	$\leq 1\mu V_{p-p}$
Anti Baseline Drift Filter	Automatic
	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
	>100dB
C MRR	
Recording Mode	Auto: 3CH, 3CH+1R, 1CH, 1CH+1R Manual: 3CH, 1CH
Rhythm Lead	Rhythm: Single rhythm lead
Power Supply	Any lead selectable 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 or folded
Record Pater	80mm x 20m
Paper Speed	50mm/s, 100mm/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: $\geq 100k\Omega$; Sensitivity 10mm/V $\pm 5\%$ Output: $\leq 100\Omega$ Sensitivity 1V/V $\pm 5\%$
Communication Interface	Ethernet(option)



Compact, light weight and portable design



Simple interface display, easy operation mode



Automatic measurement report



ECG lead status diagram map

Shenzhen Comen Medical Instruments Co., Ltd.

Add: Floor 7, Block 5, 4th Industrial Park of Nanyou, Nanshan District, Shenzhen City 518052, China

Tel: +86-755-2640 8879 2641 9446 Fax: +86-755-2643 1232

Website: www.szcomen.com E-mail: info@szcomen.com