

COMeN



CM300

3-Channel Electrocardiograph

- 3.5 inch color LCD screen
- 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
- Large patient data storage: 300 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

CM300

3-Channel Electrocardiograph

Technical Specifications



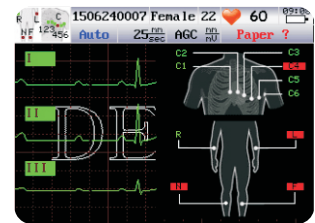
Input Circuit	Defibrillator protection built-in
Lead	Standard 12 leads
Acquisition Mode	12-leads ECG simultaneously
A/D Converter	24 bits
Measurement range	$\pm 5\text{mVpp}$
Time Constant	$\geq 5\text{s}$
Frequency Response	0.05-150Hz
Calibrating Voltage	$1\text{mV} \pm 2\%$
Sensitivity	2.5, 5, 10, 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	$> 105\text{dB}$
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=11.1V 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 $10\text{mm/V} \pm 5\%$ Output: $\leq 100\Omega$; Sensitivity $1\text{V/mv} \pm 5\%$
Optional Function:	ECG working station



Compact, portable design



Simple interface display,
easy for operation



Leads status map



Shenzhen Comen Medical Instruments Co., Ltd.

P/N: EN-CM300-2P-20190620-V1.1

Add: No.2 of FIYTA Timepiece Building, Nanhuan Avenue, Gongming Sub-district, Guangming New District, Shenzhen, 518106, P.R.China
Tel: +86-755-2640 8879 400-700-9488 Fax: +86-755-2643 1232 Website: en.comen.com E-mail: info@szcomen.com