

Specification: CM1200A



SHENZHEN COMEN MEDICAL INSTRUMENT CO.,LTD

Floor 10, Floor 11 and Section C of Floor 12 of Building 1A & Floor 1 to Floor 5 of Building 2, FIYTA Timepiece Building, Nanhuan Avenue, Matian Sub-district, Guangming District, Shenzhen, Guangdong, 518106,P.R. China

Tel: +86-755-26408879

Fax: +86-755-26431232

Email: info@szcomen.com

Web: en.comen.com

12-channel Electrocardiograph CM1200A



Safety Standards:

ISO 13485:2016 approved, CE marking according to MDD93/42/EEC, IEC60601-1, IEC 60601-2-25, IEC 62304, ANSI/AAMI EC-11, Class I, with internal power supply, CF type, with defibrillation proof function

Physical Characteristics:

Product Size: 410mm×316mm×135.8mm

Net Weight: 5.2kg

Operation Environment:

Working

Temperature: 0-40°C

Humidity: ≤93%

Power Supply: 100-240V~, 50/60Hz±1Hz

Battery Type: Rechargeable Lithium-ion battery

Battery Capacity: 4400mAh

Battery Recharging

Time: Maximum 6 hours for charging;

Battery backup: 2 hours for continuous working

Display: 8.4" color LCD touch screen

Resolution: 800*600

Trace: 12 waveforms

Indicator:

Power indicator

Battery indicator

QRS beep

Operating key sound

Key backlight

Interface:

Parameter cable interface

AC power input socket

Two USB port

RJ45 port

Data storage

Standard 8G micro SD card for 40000 ECGs internal memory 300 patient case

Power-off

storage:

Yes

Network:

Connected to PCECG by hardwire/wireless

Display:

Parameter:

Patient ID, gender, age, waveforms, recording/sweep speed, gain, EMG filter, HR, leads status, clock, information message,

Format:

3×4, 3×4+1R, 3×4+3R, 6×2, 6×2+1R, 1×12, 1×12+T

Timing Power off:

OFF, 1min, 5min, 10min, 30min

Keyboard:

Available

Recorder:

Type:

Built-in; thermal array

Record width:

216mm/210mm

Speed:

5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s

Printer Format:

3×4, 3×4+1R, 3×4+3R, 6×2, 6×2+1R, 1×12, 1×12+T

External printer

3×4, 3×4+1R, 3×4+3R, 6×2, 6×2+1R,

Format:

1×12, 1×12+T

Print information:

Off, Basic, Detailed

Diagnostic

2 min review for all 12 leads waveform info.

Review:

ECG:

Lead Type:	CardioTec™12-leads ECG Analysis
Lead selection	12-Lead I; II; III; aVR; aVL; aVF; V1-V6.
Gain Selection	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 20/10mm/mV, 10/5mm/mV and AGC, the error is $\pm 2\%$.
Sweep Speed:	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
Heart Rate Range:	30-300bpm
Resolution:	1 bpm
Accuracy:	$\pm 1\%$ or $\pm 1\text{bpm}$ (whichever is greater)
Drift Filter:	OFF, 0.05Hz, 0.10Hz, 0.20Hz, 0.50Hz
EMG Filter:	OFF, 25Hz, 35Hz, 45Hz
Low Pass Filter:	OFF, 75Hz, 100Hz, 150Hz
AC Filter:	OFF, 50Hz, 60Hz
Protection:	Withstand 4000VAC/50Hz voltage in isolation; Against electrosurgical interference and defibrillation;
Arrhythmia analysis:	122 Types

Processing:

Acquisition Mode:	Real-time, Pre-sample
Frequency	
Response:	0.05Hz-150Hz: $\begin{pmatrix} +0.4\text{dB} \\ -3.0\text{dB} \end{pmatrix}$
CMRR:	$\geq 105\text{dB}$
Input Impedance:	$\geq 50\text{M}\Omega$
Digital Sampling	1000 (Single channel)
Rate	8000 (Eight Channel)
AD Conversion:	24Bits

***Notice:**
Specifications
subject to
changes
without prior
notice. All rights
reserved by
Comen