

Specification: CM1200B

The logo features the word "COMEN" in large, bold, white, 3D-style capital letters. Above the letters, a stylized world map is formed by a dense arrangement of smaller "COMEN" text in various sizes and orientations, all in shades of blue. The background is a gradient of blue, with a white horizon line curving across the middle.

COMEN Share with the world

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12-channel Electrocardiograph CM1200B



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, Defibrillation-proof type CF applied part

Physical Characteristics:

Product Size: 316mm×259mm×98mm
Net Weight: 3.2kg

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: 5.6" color LCD non-touch screen
Resolution: 640*480
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
Yes

Power-off storage:

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

Review:

Review last patient case

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: $\begin{pmatrix} + 0.4dB \\ - 3.0dB \end{pmatrix}$
CMRR:	$\geq 105\text{dB}$
Input Impedance:	$\geq 50\text{M}\Omega$
Digital Sampling	1000 (Single channel)
Rate	8000 (Eight Channel)
AD Conversion:	24Bits

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