

# Specification: CM1200



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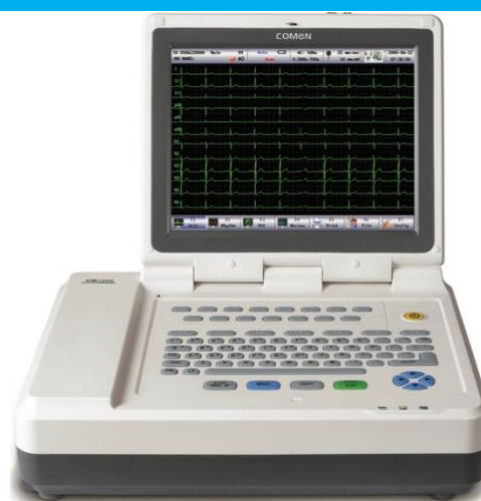
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# 12-channel Electrocardiograph CM1200



## Safety Standards:

ISO 13485:2016 approved, CE marking according to MDD93/42/EEC, EN ISO14971, 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: 410mm×316mm×114mm

Net Weight: 6.5kg

## Operation Environment:

Working

Temperature: 5-40°C

Humidity: ≤93%

Power Supply: 100-240V~, 50/60Hz±1Hz

Battery Type: Rechargeable Lithium-ion battery

Battery 4400mAh

Capacity:

Battery

Recharging Maximum 6 hours for charging;

Time:

Battery backup: 2 hours for continuous working

Display: 12.1" color LCD touch screen

Resolution: 800\*600

Trace: 12 waveforms

Brightness: Manual adjustment

## Indicator:

Power indicator

Battery indicator

QRS beep

Operating key sound

## 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

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	Off, Basic, Detailed
information:	
Review:	Review last patient case
Diagnostic	2 min review for all 12 leads waveform
Review:	info.
<b>ECG:</b>	
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	30-300bpm
Range:	
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

Arrhythmia	and defibrillation;
analysis:	122 Types
<b>Processing:</b>	
Acquisition	Real-time, Trigger, Pre-sample
Mode:	
Frequency	
Response:	0.05Hz-150Hz: $\begin{pmatrix} + 0.4dB \\ - 3.0dB \end{pmatrix}$
CMRR:	$\geq 105\text{dB}$
Input	$\geq 50\text{M}\Omega$
Impedance:	
Digital Sampling	1000 (Single channel)
Rate	8000 (Eight Channel)
AD Conversion:	24Bits

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