



# CM1200B

12-channel Electrocardiograph



Hidden handle

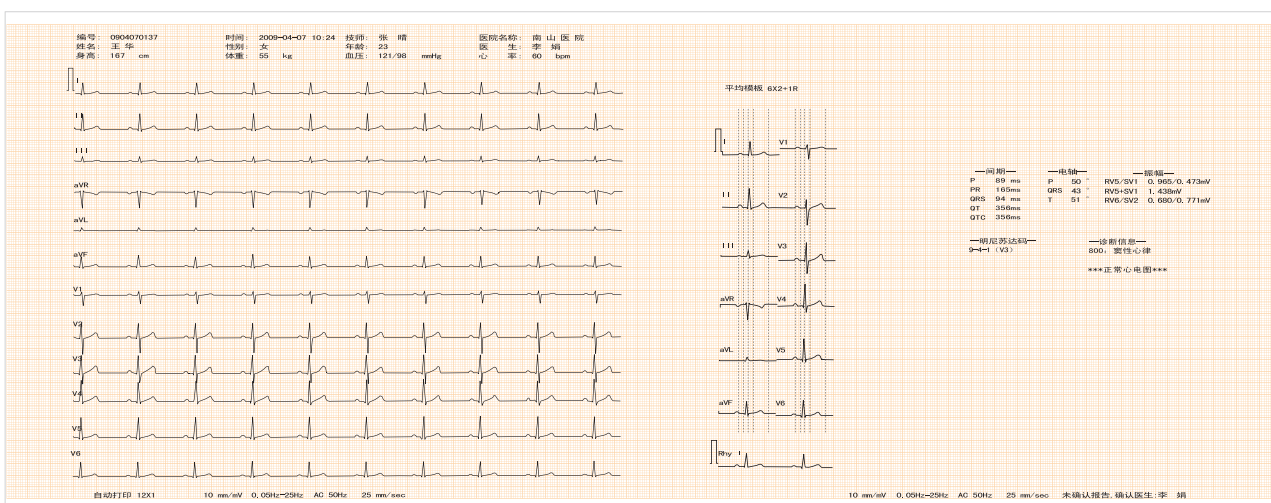


Alphanumeric keyboard;  
Individual function buttons.



Memory of 300 patient records;  
USB memory storage;  
Network communication (RS232).

## Clear professional report



12X1 + average template + Automatic analysis and judgment

# CM1200B



✓ 5.7 inch TFT color screen, easy to observe

✓ Within the aluminum alloy rack, seismic fall prevention, anti-interference



✓ Imported printing system, print is clear and smooth

✓ Full modular internal design, easy maintenance and upgrades

# CM1200B

12-channel Electrocardiograph



## Features

- 5.7 inch TFT color screen
- Lead status display
- Simple & clear keyboard layout, keyboard back light
- Internal memory for 300 ECG records
- High accuracy digital filter (EMC filter, AC filter, drift filter, low-pass filter)
- 122 types of arrhythmia analysis
- 120 seconds 12-lead waveforms review and recording
- Support 210mm rolling paper, Z-folded paper
- External printer and data transmission by USB port
- Connectivity to ECG management Software
- Working mode: auto, manual, rhythm

## Interface



Full modular internal design, easy maintenance and upgrades



General settings interface

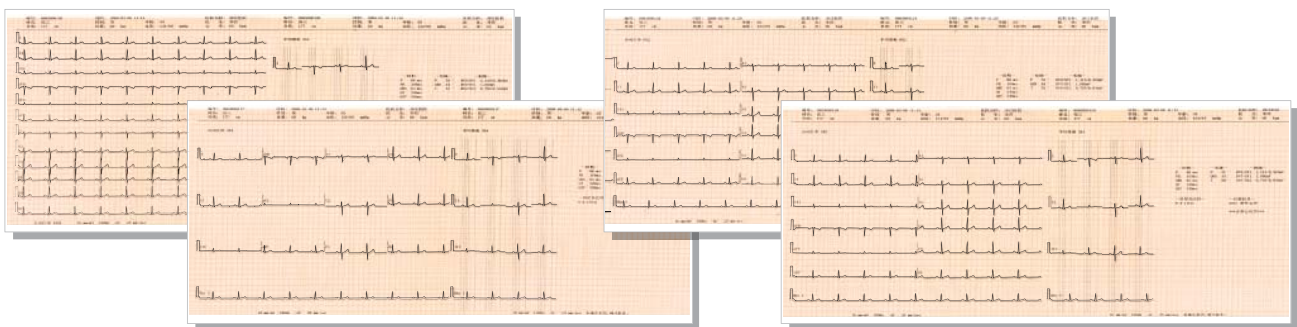


Patient information input interface



Print Setup interface

## A variety of print mode



Printing mode: 12X1, 6X2+1R, 3X4+1R, auto analysis, auto diagnosis report

## 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](http://www.szcomen.com) E-mail: [info@szcomen.com](mailto:info@szcomen.com)

## CM1200B Twelve-Channel ECG

### Safety Standards

ISO 13485:2003 approved, CE marking according to MDD93/42/EEC

### Physical Characteristics

Product Size: 316mmx259mmx98mm

Net Weight: 3.0 kg

Display: 5.7" Color TFT display

Resolution:

### Operation Environment

Temperature: 0-40°C

Humidity: 15-85%

Power Supply AC100-250V, 50/60Hz

Battery Type: Rechargeable lithium-ion battery

Battery Capacity: 2200mA

Battery Recharging Time: Maximum 6.5 hours for charging;

Battery working period: 4 hours for continuous working

Interface: USB(data input or output, upgrade)

AC power supply socket

RS232 port

RJ45 port

Data: Input/output(patient's case)

Network: PCECG,FTP data upload

### Performance Specifications

Input Circuit: Defibrillator protection built-in

Lead: Standard 12 leads

Acquisition Mode: 12 leads simultaneously

A/D Converter: 12 bits

Measurement Range:  $\pm 5$ mVpp

Time Constant:  $\geq 5$ s

Frequency Response 0.05-150Hz

Calibration Voltage 1mV  $\pm 3\%$

Sensitivity: 2.5,5,10,20(mm/mV)

Input impedance:  $\geq 50$ M $\Omega$

Input Circuit Current:  $\leq 50$ uA

Noise Level:  $\leq 15$ uVp-p

Anti Baseline Drift: Automatic

Patient Leakage Current: <10 uA(220V-240V)

Patient Auxiliary Current <0.1 uA(DC)

Filter EMG Filter:25Hz/35Hz/45Hz/OFF

DFT Filter:0.05/0.10/0.2/0.5Hz

Lowpass Filter:150/100/75Hz

AC filter:50Hz/60Hz/OFF

Recording Mode: Auto

Manual

Rhythm

Rhythm Lead: Any lead selectable

Recorder: Thermal printer

Paper speed: 5mm/s,10mm/s,12.5mm/s,25mm/s,50mm/s( $\pm 2\%$ )

Gain: AGC,2.5mm/mV,5mm/mV,10mm/mV,20mm/mV,10/5mm/mV,20/10mm/mV

Recorder Paper: 210mmX30m,215mmX30m,210mmX140mm-150P,215mmX140mm-150P

Record format: 3x4、3x4+1R、3x4+3R、6x2、6x2+1R、12x1、12x1+T

External input/output: Input:  $\geq 100$ K  $\Omega$  ; sensitivity 10mm/V  $\pm 5\%$

Output:  $\leq 100$   $\Omega$  ; sensitivity 1V/mV  $\pm 5\%$