

CM1200B

Electrocardiograph | Twelve Channels ECG Machine

Configuration	CM1200B Twelve Channel ECG
Input Circuit	Defibrillation Production Built-in
Lead	Standard 12 leads
Acquisition Mode	Simultaneous 12 lead acquisition
Input Impedance	$\geq 50M\Omega$
Time Constant	$\geq 5s$
Frequency Response	0.05-150Hz
Calibration Voltage	1mV \pm 1%
Sensitivity	2.5, 5, 10, 20mm/mV
Input Impedance:	50M Ω
Input Circuit Current:	< 50nA
Noise Level:	< 15 μ Vp-p
Anti Baseline Drift:	Automatic
Filter	AC Filter: 50Hz/60Hz/Close EMC Filter: 25Hz/35Hz/45Hz/Close Drift Filter: 0.05Hz/0.15Hz/0.25Hz/0.50Hz Lowerpass Filter: 70Hz/100Hz/150Hz
CMRR:	$\geq 105dB$
Recording Mode:	Auto/Manual/Rhythm
Recording Format:	12x1, 3x4, 6x2, 3x4+1R, 3x4+3R, 6x2+1R (R: rhythm lead)
Power Supply	AC: 100V-240V, 50/60Hz
Battery:	Built-in Rechargeable Lin-ion battery, voltage 14.4v
Recorder	Thermal Printer
Record paper	Rolled and Z-folded 210mm, 216mm paper width
Recordspeed:	5mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
External Input/Output	Input: $\geq 100k\Omega$ Sensitivity 10mm/V \pm 5% Output: $\leq 100\Omega$ Sensitivity 1V/V \pm 5%
Display	320 x 240 single color LCD
LCD Size	5.7inch
Memory	300 groups
Dimension	316mm x 259mm x 98mm
A4 papersupport	YES
Lead Status Diagram	YES
Alphanumeric keyboard	YES
Keypad backside light	YES
USB Port	YES

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Features:

- ◆ 5.7 inch single color display (resolution: 320 × 240)
- ◆ Supporting multi-language. Chinese, English, Spanish, Polish, etc
- ◆ 12-lead simultaneous acquisition and amplification;
12 ECG waveforms recording simultaneously; all-digital and full-floating design
- ◆ Automatic measurement and interpretation testings selectable
- ◆ Up to 122 kinds of arrhythmia analysis
- ◆ Manual/Auto/Rhythm working modes
- ◆ Different recording modes: recording, printing recording, printing
- ◆ Using unique high-precision digital filter to eliminate baseline drift and other disturbances

Interfaces:



Invisible Handle, Easy for movement

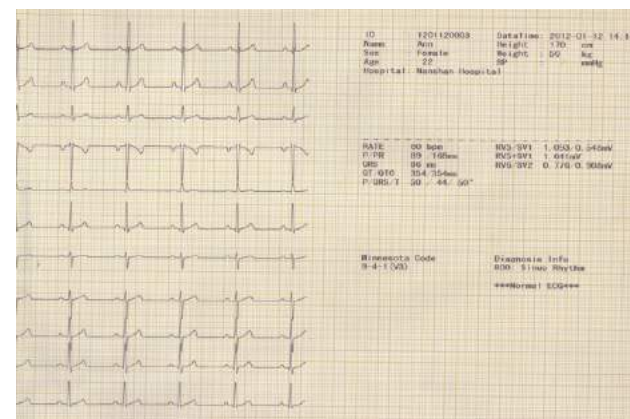
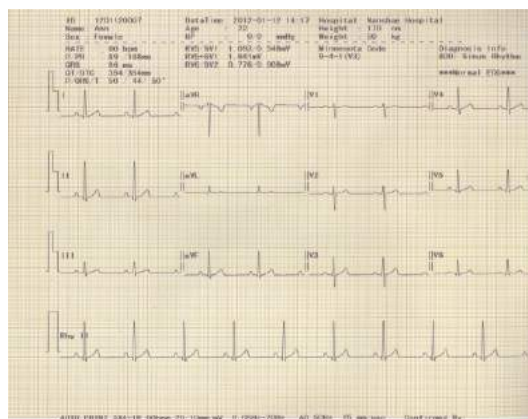


Big button design, Individual Alphanumeric keyboard



300 ECGs in internal memory, optional USB to expand the memory capability

Professional Report:



12×1+Auto Analysis Report

Printout formats:



Auto Analysis, AutoMeasurement output etc.

The screenshots show the following interfaces:

- Main Interface:** Displays patient ID (0506080000), gender (Female), age (25), heart rate (60), and rhythm lead (F12). It shows three ECG waveforms (I, II, III) and a lead diagram.
- General Interface:** Shows settings for AC Filter, EMG Filter, Drift Filter, Lowpass Filter, Lead Modes, Rhythm Lead Mode, Sampling Mode, and Lead State Diagram.
- Patient Info Input Interface:** Shows fields for Name (Francy), Sex (male), Age (36), Height (68 cm), Body Weight (kg), High Pressure (mmHg), Low Pressure (mmHg), Hospital Name, and Doctor Name.
- Option Settings:** Shows settings for Language Setting, Demonstration Mode, Key Tone, Key lights, Heartbeat Sound, and Default Setting (2008-12-14 12:33).

Main Interface

General Interface

Patient Info Input Interface

Option Settings