CM1200

12-Channel Electrocardiograph

Configuration	CM1200 Twelve ChannelECG	CM1200A Twelve ChannelECG	CM1200B Twelve ChannelECG
Input Circuit		Defibrillation Production Built-in	
Lead		Standard 12 leads	
Acquisition Mode		Simultaneous 12lead acquisition	
Input Impedance		≥50MΩ	
Time Constant		≥5s	
Frequency Response		0.05-150Hz	
Calibration Voltage		1mV ± 1%	
Sensitivity		2.5, 5,10,20mm/mV	
Input Impedance:		50MΩ	
Input CircuitCurrent:		< 50nA	
Noise Level:		< 15μVp-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:		≥105dB	
Recording Mode:		Auto/Manual/Rhythm	
Recording Format:		12x1, 3x4,6x2, 3×4+1R、3×4+3R、6×2+1R (R:rhythm lead)	
Power Supply		AC: 100V-240V, 50/60Hz	
Battery:		Built-in Rechargeable Lin-ionbattery, voltage 14.4v	
Recorder		Thermal Printer	
Record paper		Rolled and Z-folded 210mm, 216mm paper width	
Record speed:		5mm/s, 10mm/s, 12.5mm/s,25mm/s,50mm/s	
External Input/Output		Input: ≥100kΩ: Sensitivity10mm/V±5% Output: ≤100Ω Sensitivity 1V/V±5%	
Display	800 x600 MulticolorLCD	800 x600 MulticolorLCD	320 x240 singlecolor LCD
LCD Size	12.1inch	8.4 inch	5.7inch
Memory	10000groups	300groups SD card to10000groups	300 groups
Dimension	410mm×316mm×118mm	410mm×316mm×136mm	316mm×259mm×98mm
ECG Preview &Edit	Preview-YES Edit-YES	Preview-YES Edit-NO	Preview-NO Edit-NO
Stress Test	YES	YES	YES
Connect toexternal printer	YES	YES	NO
A4 papersupport			
Lead Status Diagram	YES	YES	NO
Alphanumeric keyboard	YES	YES	NO
Keypad backside light	NO	NO	YES
USB Port	YES	YES	YES
VCG	YES	NO	NO

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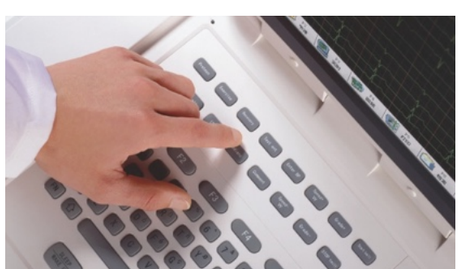
Touch Screen



- 12.1 inch color TFT display touch screen operation



- Innovative printing preview and diagnosis result editable feature
- Support on-screen diagnosis, 1:1 ratio on-screen waveforms and diagnosis display and print out
- interpretation function: 5 different modes, 200 case analysis
- Last 120 seconds 12-leads ECG waveforms reviewable and recordable



- Alphanumeric keyboard, individual capital and numeral key. Support multi-language input



- Lead Status Diagram to show ECG leads conductivity

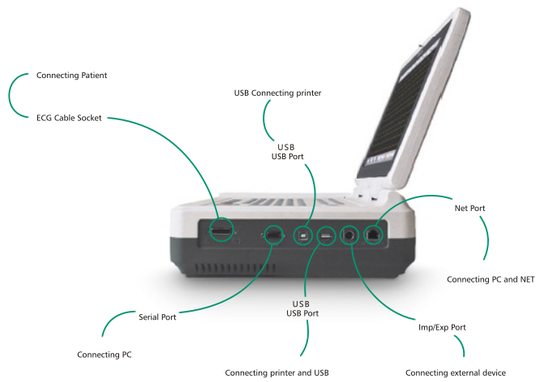
ECG Information Share Solution





- Support ECG working station, HL7 protocol, HIS & PACS system. Clinical doctor can view ECG waveform and diagnosis report from the computer system directly



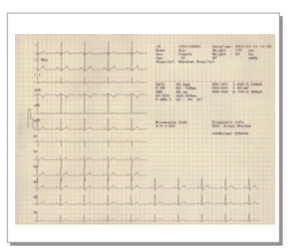


Recording System



Intelligent Calibration Recording System



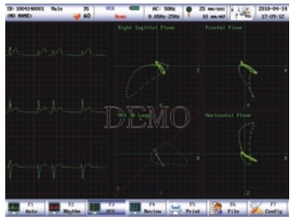


- Cabrera Leads can improve determinant of infarction artery, fatalness evaluation, etc.
- Various recording format: 12X1, 6X2+1R, 3X4+1R, 3X4+3R, full diagnosis report output
- Classifying gain: Chest leads and Limb leads waveform can setup gain independence, easy for diagnose

Memory



10,000 ECG Memory



World Leading VCG (vectorcardiogram) Technology

- Diagnosis of coronary heart disease
  - Diagnosisof myocardialinfarction
  - Localizationof myocardialinfarction
  - Localization of multiple myocardial infarction
- Diagnosis of atrial & ventricular enlargement
  - Bi-atrialenlargement
  - Leftventricular hypertrophy
  - Rightventricular hypertrophy
  - Bi-ventricularhypertrophy
- Differential diagnosis of bundle branch blocks (BBB)
  - BBB complicated with myocardial infarction
  - BBB complicated with ventricular hypertrophy
  - BBB complicated with bi-fasicular block
- Differential diagnosis of arrhythmia
  - Differential diagnosis of ECG broad QRS waveforms
  - Localization of origin of ventricular premature beat
  - Localizationof accessorypathways

CM1200A Features



- 8.4 inch TFT color touch-screen, alphanumeric and numeral keyboard operation
- Multi-language operation system selection: Chinese, English, Spanish, Russian,etc
- 300 digital ECG records, support USB printing and ECG working station
- Modular structure design for easier maintenance and upgrade
- Lead Status Diagram gives accurate detection to ECG leads conductivity
- AC/DC power supply, built-in Li-ion battery
- Recording paper: 210mm, 216mm width and A4 size thermal paper selectable

CM1200B Features



- 5.7 inch single color display
- lightweight and compact design
- 12-lead ECG acquisition simultaneously, complete digital design
- 300 digital ECG records, Optional USB and computer connectivity
- Automatic ECG measurement and diagnosis printout
- AC/DC power supply, built-in Li-ion battery
- Recording paper: 210mm, 216mm width thermal paper selectable
- Keypad back light feature