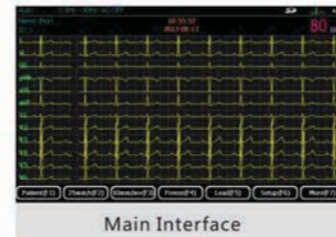
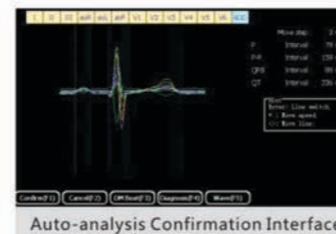


EM-1201

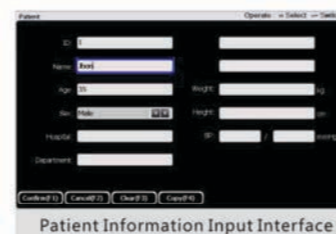
Digital Twelve Channels Electrocardiograph



Main Interface



Auto-analysis Confirmation Interface



Patient Information Input Interface



File Management Interface



Print Setup Interface



Communication Setup Interface

Features

- ▶ Simultaneous 12 leads ECG data acquisition and display
- ▶ Simultaneous 12 leads ECG printing with 216mm/210mm thermal paper (Roll or Z-fold)
- ▶ Foldable 10 inch 800 x 480 TFT color LCD
- ▶ Alpha-numeric keyboard and one-touch operation
- ▶ Built-in rechargeable lithium battery (print up to 360 ECG reports)
- ▶ Built-in 4GB SD card to save 10,000 ECG reports in XML/PDF/BMP/JPG/ DICOM format
- ▶ Precise ECG auto-interpretation program
- ▶ Extend printing once arrhythmia is detected
- ▶ Support linear barcode reader
- ▶ USB port to connect with PC-ECG software (optional)
- ▶ Support external USB printer (PCL 6 language) to print 12 leads ECG reports on A4 paper
- ▶ Network transmission
- ▶ Software upgrade automatically via SD card

ECG Reports

- Support roll and Z-fold paper with 210/216mm width, the clearly printed reports include ECG measurement data, patient ID, sex, age etc.



3CHx4

3CHx4+1R

3CHx4+3R



6CHx2

6CHx2+1R

Rhythm Lead



12CHx1

Technical Specifications

Lead	Standard 12 leads	CMRR	100dB
Input Circuit	Built-in defibrillator protection	Recording Mode	Automatic: 12CHx1, 6CHx2+1R, 6CHx2, 3CHx4+3R, 3CHx4+1R, 3CHx4 Manual: 12CH, 6CH, 3CH, 1CH+1R, 1CH Rhythm: Any lead selectable
Acquisition Mode	Simultaneous 12 leads acquisition	Recording System	Thermal matrix printing
Measurement Range	±5mVpp	Recording Paper	Roll: 210mm×30m Z-fold: 216mm×295mm×100 sheets
Time Constant	≥3.2s	Paper Speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
Frequency Response	0.05Hz~150Hz (-3dB)	Display	800×480 pixel TFT LCD
Sensitivity	2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20mm/mV	Interface	Network interface, USB Master/Slave, SD card
Input Impedance	≥50MΩ	Safety Standard	IEC I/CF
Input Circuit Current	<0.05μA	Sample Rate	Normal: 1000sps/channel Pacemaker: 10,000sps/channel
Noise Level	<15μVp-p	Pacemaker Detection	≥±2mV ≥±0.1ms
Anti Baseline Drift	Automatic	Dimension	435mm×335mm×98mm
Patient Current Leakage	<10μA(220V-240V)	Weight	4Kg (including battery)
Filter	EMG Filter: 25 Hz / 30 Hz / 40Hz AC Filter: 50Hz / 60Hz DFT Filter: 0.05 Hz / 0.15 Hz / 0.25 Hz / 0.32 Hz / 0.5 Hz / 0.67Hz / ADS Low Pass Filter: 75 Hz / 100 Hz / 150Hz	Power Supply	AC: 100~240V, 50/60Hz, 70VA~100VA DC: 14.8V/4400mAh, built-in lithium battery