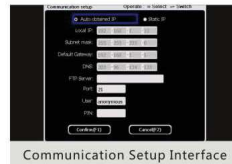
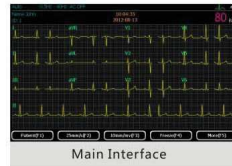


EM-301

Digital Three Channels Electrocardiograph

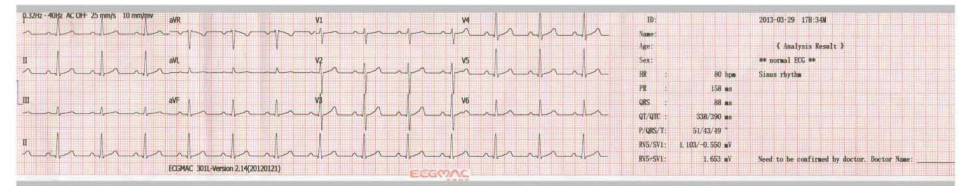
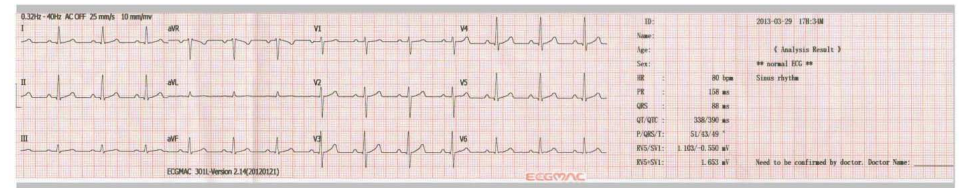


Features

- ▶ Simultaneous 12 leads ECG acquisition and display
- ▶ Foldable 7 inch 800 x 480 TFT color LCD
- ▶ Alpha-numeric keyboard and one-touch operation
- ▶ Built-in rechargeable lithium battery
- ▶ Built-in 4G 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 size paper
- ▶ Network transmission
- ▶ Software upgrade automatically via SD card

ECG Reports

- The recording paper is 80mm in width, the clearly printed reports include ECG measurement data, patient ID, sex, age etc.



Technical Specifications

| | | | |
|-------------------------|--|---------------------|--|
| Lead | Standard 12 leads | CMRR | 100dB |
| Input Circuit | Built-in defibrillator protection | Recording Mode | Automatic: 3CH×4.3CH×4+1R Manual: 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: 80mm×20m |
| 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 | 310mm×244mm×65mm |
| Patient Current Leakage | < 10μA(220V-240V) | Weight | 2.25Kg (including battery) |
| Filter | EMG Filter: 25 Hz / 30 Hz / 40Hz AC Filter: 50 / 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, 30VA~100VA DC: 14.8V/2200mAh, built-in lithium battery |