

## 12 CHANNEL (Electrocardiograph ECG-1200G



### Features

- 12 channel ECG Machine
- 8 inch high resolution color touch screen
- Sync collection for 12-lead ECG, can get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal.
- 3/6/12-lead ECG waveform and other information such as print mode, sensitivity, paper speed, filter can be displayed in one screen, convenient for contrastive diagnosis.
- Multiply printing modes and formats, including auto 12x1, auto 6x2+1 (rhythm lead), auto 6x2, auto 3x4+2 (rhythm lead), rhythm 12, rhythm 10, rhythm 8, rhythm 6, manual, etc. Trend chart and histogram of P-R interval can be printed, waveform length printed can be adjusted, and with time print function, which meets different requirements.
- Compact and lightweight design

### Paper Size & Print Speed

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Paper Size    | : 210mm(W) x 20mm(L) high-speed thermal paper                  |
| Auto record   | : 25mm/s, 50mm/s, error:±5%                                    |
| Rhythm record | : 25mm/s, 50mm/s, error:±5%                                    |
| Manual record | : 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s, error:±5% |

### Technical Specifications

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Lead                   | : Standard 12 Leads                                                        |
| Acquisition Mode       | : Simultaneous 12 leads acquisition                                        |
| Measurement Range      | : ±5mVpp                                                                   |
| Input circuit          | : Floating, protection circuit against defibrillator effect                |
| Input Impedance        | : 250MΩ                                                                    |
| Input circuit current  | : <0.05μA                                                                  |
| Record mode            | : Automatic: 3CH 4+1R, 3CH 4, 3CHx2+2CHx3, 3CHx2+2CHx3+1R, 6CHx2;          |
| Filter                 | : EMG Filter: 25 Hz / 30 Hz / 40Hz/75 Hz / 100 Hz / 150Hz                  |
| CMRR                   | : >100dB                                                                   |
| Patient leak current   | : <10μA (220V-240V)                                                        |
| Frequency Response     | : 0.05Hz-150Hz (-3dB)                                                      |
| Sensitivity            | : 2.5mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV (error:±5%)                        |
| Anti-baseline Drift    | : Automatic                                                                |
| Time constant          | : ≥3.2s                                                                    |
| Noise level            | : <15μVp-p                                                                 |
| Paper speed            | : 12.5 mm/s, 25 mm/s, 50 mm/s                                              |
| Recording mode         | : Thermal printing system                                                  |
| Paper specification    | : Roll 80mm x 20mm                                                         |
| Safety Standard        | : IEC I/CF                                                                 |
| Sample Rate            | : Normal: 1000sps/channel                                                  |
| Power frequency filter | : AC 50Hz/60Hz(-20dB)                                                      |
| Power Supply           | : AC: 100~240V, 50/60Hz, 30VA~100VA, Built-In Rechargeable Lithium Battery |
| Dimension & Weight     | : 340mm(L) x 320mm(W) x 85mm(H)   3.2 kg                                   |
| Working Environment    | : Temperature: 5°C ~ 40°C                                                  |

### Standard Configuration

|                         |                        |
|-------------------------|------------------------|
| Main Machine            | : 1 Unit               |
| Lead Cable              | : 1 Set                |
| Limb Electrode          | : 1 Set (4 Pcs)        |
| Chest Electrode         | : 1 Set (6 Pcs)        |
| Thermal Recording Paper | : 1 Roll (80mm x 20mm) |
| Power Cord              | : 1 Pc                 |
| Earth Wire              | : 1 Pc                 |
| User Manual             | : 1 Pc                 |