

SE1200 Lite

Twelve Channel Electrocardiograph



- 8.4"color TFT full touch screen
- Anti-defibrillation and Pacemaker detection
- Auto measurement and auto diagnosis function
- 12-lead simultaneous acquisition, amplification and recording
- Various display and print modes
- Lead statue map to show ECG leads conductivity
- Sketch of displaying and closing ECG leads. Indication of leads off

Size and Weight

- Size: 340mm(L)*320mm(W)*85mm(H)
- Weight: 3.2kg

Power supply

- DC and AC power supply
- Safety class: Category I, CF type

Display

- 8.4" Color TFT High-resolution Full Touch Screen
- Resolution:800×600 pixels or higher

Battery

- Type: 3700mA Rechargeable Lithium battery
- Operating time under the normal use and full charge:
≥ 120minute
- Auto power off when no measurement

Lead: Standard 12 leads

Filter

- AC Filter
- EMG Filter
- Drift Filter
- Digital Signal Processing

Patient leak current: <10μA

Enduring polarization voltage: ±300mV

Noise Level: < 15μ Vp-p

Frequency Response: 0.05Hz-150Hz (-3dB)

Time Constant: ≥3.2s

Input Impedance: ≥50MΩ

Input Circuit Current: < 50nA

Tolerance Voltage: ±650mV

CMRR: ≥60dB, ≥100dB (Adding filter)

Input way: Floating and defibrillation protection

Memory

- Built-in MSF, can store more than 1000 cases
- Digital filter Mode

Communication Interface: Ethernet, RS232, USB

Recording way: Thermal printing system

Recording paper: 210 mm(W)*20m(L) high-speed thermal paper

Paper speed:

- 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%

Sensitivity selections:

- 2.5, 5, 10, 20, 40 mm/mV
- Error:±5%
- Standard sensitivity is 10mm/mV±0.2mm/mV

Auto record:

- Record setup according to auto record format and mode
- Automatically changing leads
- Measuring and analyzing

Rhythm record:

- Record setup according to rhythm record format and mode
- Automatically measuring and analyzing

Manual record:

- Record setup according to manual record format
- Manually changing leads

Measurement parameters: HR, P-R interval, P Duration,

QRS Duration, T Duration,

Q-T interval, Q-Tc, P A*is,

QRS A*is, T A*is, R(V5), S(V1),

R(V5)+S(V1)

Fuse specification:

- 2 pcs φ5*20mm
- AC time lag; T1.6A/250V (Power supply 220V)

Outstanding Features:

- Multi-language support. Chinese, English, Spanish, Polish, Italian, Turkish
- ECG Waveforms and auto-diagnosis results preview and editing before printing
- Support ECG work station. PC software can real display ECG waveform
- Anti-defibrillation and Pacemaker detection
- Auto measurement and auto diagnosis function
- 12-lead simultaneous acquisition, amplification and recording
- Alphanumeric keyboard, individual capital and numeral key
- Sleep/Wake Up. Mode for saving energy and extending LCD life
- Simultaneous display of 3/6/12 leads ECG waveform, and the state of printing mode, sensitivity, speed, filter etc
- Multiply printing modes and formats, including 12*1, 6*2+1(rhythm lead), 6*2, rhythm 12, rhythm 10, rhythm 8, rhythm 6, manual and freeze, etc.
- Length of printed wave can be adjusted and simultaneity the function of periodic printing is offered to satisfy different applications
- Auto-analysis and auto-diagnosis of regular ECG waveform parameters, provides measurement parameters such as HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc.
- Lead statue map to show ECG leads conductivity
- Sketch of displaying and closing ECG leads. Indication of leads off
- Long-distance data transferred through network socket

Accessories:

- 1 x power cable, 1 x Patient Cable, 6 x Chest Electrodes, 4 x Limb Electrodes,
- 1 x Record Paper, 1 x Ground Line, 2 x Fuses

Specification subject to be changed without prior notice.