

SE509

3-Channel ECG Machine



- 4.3" Vivid color Full Touch screen
- 12 leads ECG simultaneous acquisition and display
- Built-in high resolution thermal printer with various report printing
- Unique algorithm for automatic measurements and interpretation with more than 140 kinds of Diagnosis analyze category
- Both SD and USB memory enlarge available

Size and Weight:

Size: 315mm (W) × 215mm (H) × 75mm (D)

Weight: 1.6 Kg

Display: 4.3" TFT LCD

Environmental:

Operating:

Temperature: 5°C ~ 40°C

Relative humidity: 25% ~ 93%

Atmospheric pressure: 700hPa ~ 1060hPa

Transportation and storage:

Temperature: -20°C ~ +55°C

Relative humidity: 25% ~ 95%

Atmospheric pressure: 500hPa ~ 1060 hPa

Safety:

Safety Type: Class I, Type CF

Mode of operation: Continuous

Power Supply:

AC: 100V-240V AC, 50Hz/60Hz

Comply with IEC 60601-1 and IEC 60601-1-2

DC: 11.1V, 2000mAh Rechargeable lithium ion battery

Operating time Used continuously for 3.5 hours
(print 200 shares of cardiogram)

Charge time: 4 hours

Circle times: ≥300 times, ≥80% leave

Recorder:

Recording way: Thermal dot array

Horizontal resolution: 40 dots/mm (25mm/s)

Vertical resolution: 8 dots/mm

Recording speed: 5 mm/s, 6.25 mm/s, 10 mm/s
12.5 mm/s, 25 mm/s, 50 mm/s

Error: ±3%

Recording linearity: ≤0.5mm/30m

Paper width: 72mm

Paper type: Reel thermosensitive printing paper

Recording precision: ±5% (X axes), ±5% (Y axes)

Recording type:

Auto (4×3, 3×4+1, 3×4, 2×6+1, 2×6, 3-2+1, 3-2)

Manual (Manual1, Manual 2, Manual 3, Manual 4)

Rhythm (single-lead rhythm, three-leads rhythm)

Measure and Diagnosis:

HR range: 30bpm -350bpm

HR precision: ±1bpm (10s average)

Measure info of ECG waveform:

P time limit, PR interphase, QRS time limit

QT interphase, QTC interphase, RR interphase

RV5swing, SV1swing, RV6swing, SV2swing

RV5+SV1swing, P axis, QRS axis, T axis

Diagnosis analyze category: ≥140 kinds

ECG Collection:

Signal input: 12-Lead, defibrillator-proof, Pacemaker pulse

Response to frequency: 0.05Hz~150Hz (-3dB)

Baseline filter: 0.05Hz, 0.15Hz, 0.25Hz, 0.5Hz

ECG filter: 25Hz, 35Hz, 45Hz

Lowpass filter: 75Hz, 100Hz, 150Hz

Gain selection: 2.5, 5, 10, 20 (mm/mV)

Gain accuracy: ≤5%

Time base selection: 5 mm/s, 6.25 mm/s, 10 mm/s
12.5 mm/s, 25mm/s, 50mm/s

Input impedance: ≥50MΩ (10Hz)

Current of input loop: ≤50nA

Patient's leakage current: ≤10μA

CMRR: ≥109dB (with AC filter)

Input/Output:

USB connector: USB Host (1) connects USB device

SD card connector: Standard SD card (1)

Storage:

Fixed Memory: 50 groups of ECG data

Optional Memory: SD card or U disk

Storage mode: Background storage automatically

SD-U disk-Fixed memory (optional)



Specification subject to be changed without prior notice.

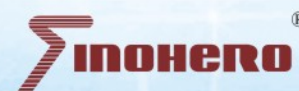
Sino-Hero (Shenzhen) Bio-Medical Electronics Co., LTD.

Address: Unit 608, 6/F., First Building, ZhongXing Industrial Park, Chuangye Road, Nanshan District, Shenzhen 518054, P. R. China

Tel: 86-755-26408541

Fax: 86-755-26420566

E-mail: manager@sinoheromed.com



www.sinoheromed.com

ENG-SE509-20141031