

Feature



Professional

SE1200 engineered to be a medical Electrocardiograph system, complying professional high level standards, using high quality measurement accessories.



Simple

Color 10 inch Full touch screen, for your convenience operation by both touch and short-cut hot keys, enable 12-lead simultaneous sampling and displaying at the same time.



Cost-effective

Super pricing ratio and special distribution policy support available!



Connectivity

Built-in case database management system can store 1000 cases, standard USB export also can review the records, analyse and print the reports by PC through standard PC station software.



Accurate

12 leads simultaneous acquisition, with advanced algorithm for automatic measurements and interpretation, ensure good reading and accurate during different situation.



Reliable

Constructed by sturdy materials case highly resist for critical environmental influence, also reduces electromagnetic interference that disrupt measurements, very suitable for long time monitoring.



Smart

Smart and user-friendly operation system, with the quick start capability and one-button workflow, the lead map help users with lead placement and identify poor connections or missing electrodes easily.



SINOHERO

touching for life

Full Touch Screen

12-CHANNEL Electrocardiograph



SE1200



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Accurate



Reliable



Smart



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Connectivity



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Version: V2.3

Technical Specification

Display Screen

- Display Screen 10.1 Inch Full touch color display
- Resolution 1280x800 pixels or higher

Size and Weigh

- Product size 350mm(L)×310mm(W)×90mm(H)
- Net weight 5kg

Printing Output

- Recording way Thermal printing system
- Specification of recording paper 210mm(W)×20 m(L) high-speed thermal paper
- Time base selection (paper speed) 5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s, error: ±5%
- Gain control(sensitivity) 1.25, 2.5, 5, 10, 20, 40, 10/5, 20/10mm/mV and automatic, accuracy is ±5%
- Standard sensitivity 10 mm/mV±0.2 mm/mV

Power Supply

- Voltage 100-240 V~
- Frequency 50 Hz, 60 Hz
- Input power ≤150 VA
- Battery 14.8 V, 5200 mAh rechargeable lithium battery

Operation

- Environment temperature 5℃~40℃
- Relative humidity 25%~95%(no condensation)
- Atmospheric pressure 700 hPa~1060 hPa

Transportation and Storage

- Environment temperature -20℃~+55℃
- Relative humidity ≤95%
- Atmospheric pressure 500 hPa~1060 hPa

Specification

- Time constant ≥3.2s
- CMRR >123dB、 >140 dB(Open filter)
- Filter AC Filter(AC50/60 Hz), EMG Filter (25 Hz/35 Hz), DFT Filter, Low-pass Filter
- Auto record Record setup according to auto record format and mode, automatically change leads, automatically measure and analyze.
- Rhythm record Record setup according to rhythm record format and mode, automatically measure and analyze.
- Measurement parameters HR, PR Interval, P Duration, QRS Duration, T Duration, QT/ QTc Interval, P/QRS /T Axis, R(V5), S(V1), R(V5)+S(V1) amplitude
- Product safety type Class I type CF defibrillation-proof applied part
- Polarization resistance voltage ±950 mV,sensitivity variation range:±5%
- Noise level ≤12 μVp-p
- ECG signal input sampling frequency 32 kHz
- Waveform data processing sampling frequency 1 kHz
- Sampling precision 24-bit
- The minimum detection signal 10 Hz, 20 μV(peak-peak value) deflected sinusoidal signal can be detected
- Pacing detection channel All leads
- Accuracy of input signal The overall system error, ±5%
- Amplitude quantization ≤5μV/LSB
- Interchannel time deviation <100 μs
- Input way Floating and defibrillation protection
- Lead Standard 12 leads
- Patient leakage current <10μA
- Input impedance ≥100MΩ(10Hz)
- Calibration voltage 1mV±2%
- Input loop current ≤0.01uA
- 50Hz interference suppression filter ≥20dB
- Pace pulse display capability ±2mV~±750mV、 0.1ms、 2.0ms
- Fuse specification 2pcs φ5×20mm AC delay insurance: T3.15AH250V

Appearance Characteristics



Thermal Printing System



Interface



Function Button

Accessories

