

Technical Specifications:

| | |
|--------------------------------|--|
| ECG: | |
| Input circuit: | Floating circuit input |
| Lead: | Standard 12 leads |
| Acquisition mode: | Simultaneous 12-lead acquisition |
| A/D converter: | 12 bits |
| Sample Rate: | 1000Hz |
| Input CIR current: | ≤0.1μA |
| Input impedance: | >50M |
| Patient leak current: | <10μA |
| Time constant: | ≥3.2s |
| Frequency response: | 0.05~150Hz |
| Noise level: | <15μVp-p |
| Sensitivity: | { 2.5, 5, 10, 20 }mm/mV |
| Calibration voltage: | 1mV±3% |
| CMRR: | >100dB |
| Polarization voltage: | ±500mV |
| Filters: | AC filter, ADS filter, EMG filter. |
| Recording mode: | Auto/ Manual/ Rhythm |
| Rhythm lead printing: | Any lead selectable, printing for 30-180 seconds |
| ECG storage: | |
| Inner storage: | 20 ECGs |
| External storage: | SD card (optional) |
| ECG recorder: | |
| Recorder: | High resolution thermal array printer |
| Paper speed: | { 6.25, 12.5, 25, 50 }mm/s |
| Recording mode: | 1CH, 1+1CH, 3CH, 3 rhythms |
| Recording paper: | 63mm×30m or 63mm×20m, roll paper 63mm×75mm×20m, z-fold paper (optional) |
| Others: | |
| Display: | 5.1 inch high-resolution LCD, contrast and brightness adjustable |
| Interfaces: | SD card, USB |
| Power supply: | 100V~240V, 50Hz, 50VA |
| | Rechargeable Li-ion battery, 14.8V-1550mAh |
| Dimension(L×W×H): | 268mm×206mm×67.5mm |
| Net Weight: | About 2.1kg |
| Standard Configuration: | |
| | IE3 main unit |
| | ECG cable |
| | Chest electrodes |
| | Limb electrodes |
| | Thermal paper |
| | Paper roller |
| Options: | |
| | ECG workstation software |
| | SD card |
| | Trolley |

SonoScape



IE3

Cost-effective
and Intelligent ECG



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Caring for Life through Innovation

IE3 Cost-effective and Intelligent ECG

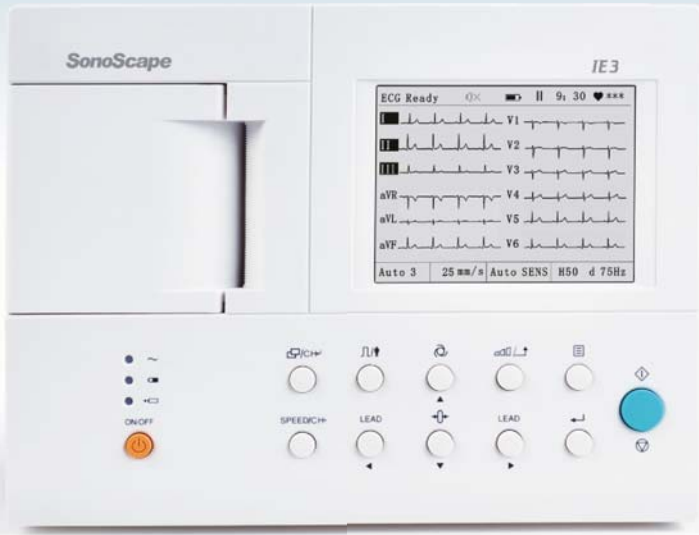
IE3 has outstanding performance and features which are only available in high-priced systems, which will lead IE3 to receive widespread among the clinics, physical examination centers, small hospitals and labs without a doubt.

Easy-to-use

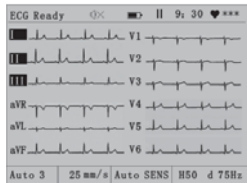
- 5.1 inch high-resolution LCD, adjustable brightness and contrast
- Durable and comfortable silicon keys
- Rechargeable lithium battery for 2.5 hours operation
- Peripheral ports: SD card, USB

File Management Solutions

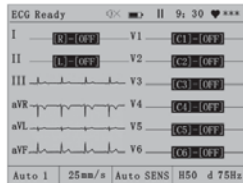
- Up to 20 files internal storage
- Unlimited files with external SD card
- USB port for data transmission to PC



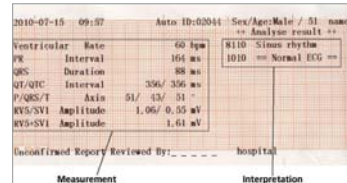
Intelligent Diagnosis



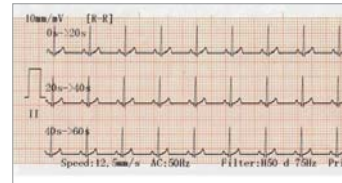
12-lead simultaneous acquisition and display



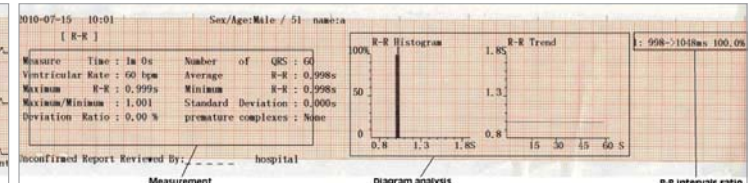
Lead-off detection and alarming



CSE-certified automatic analysis and interpretation
Up to 200 kinds of arrhythmia analysis



30-180 seconds for R-R analysis



ECG Workstation

With ECG workstation software, you can:

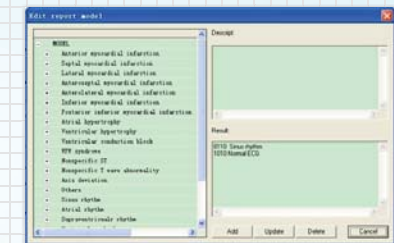
- High volume data storage and transmission
- Easily review and re-edit ECG reports
- Powerful database meets the clinical needs
- Enhanced workflow to improve efficiency



Waveform Review interface



Multiple diagnosis modules interface



Analysis result re-edit interface