

GT-515 Sampling Boxes



SAMPLING BOX	DESCRIPTION	BENEFITS
DE18	18/16/15/12/9-lead Wired Sampling Box	Multi-functional Top ranking performances
DE15	16/15/12/9-lead Wired Sampling Box	
DX12	12/9-lead Wired Sampling Box	Compact design Bluetooth connection
DP12	12/9-lead Wired Sampling Box	Compatible with Vacuum System

DE18/DE15 Applications

ECG TEST	DESCRIPTION	BENEFITS
18/16/15-lead Resting ECG (18-lead sampling is only available on DE18)	12-lead + V3R/V4R/V5R/V7/V8/V9	Direct examination of the right ventricle Direct examination of the posterior basal and lateral walls of the left ventricle Confirm the presence of AMI Provide accurate reflection of the true extent of myocardial damage
12-lead Resting ECG & Stress ECG	Wilson Lead System	Regular diagnosis
9-lead Resting ECG	I, II, III, aVL, aVR, aVF, V1, V3, V5	Pediatric & neonatal applications

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GT-515

PC BASED ECG / EKG MACHINE



GT-515 PC-based ECG

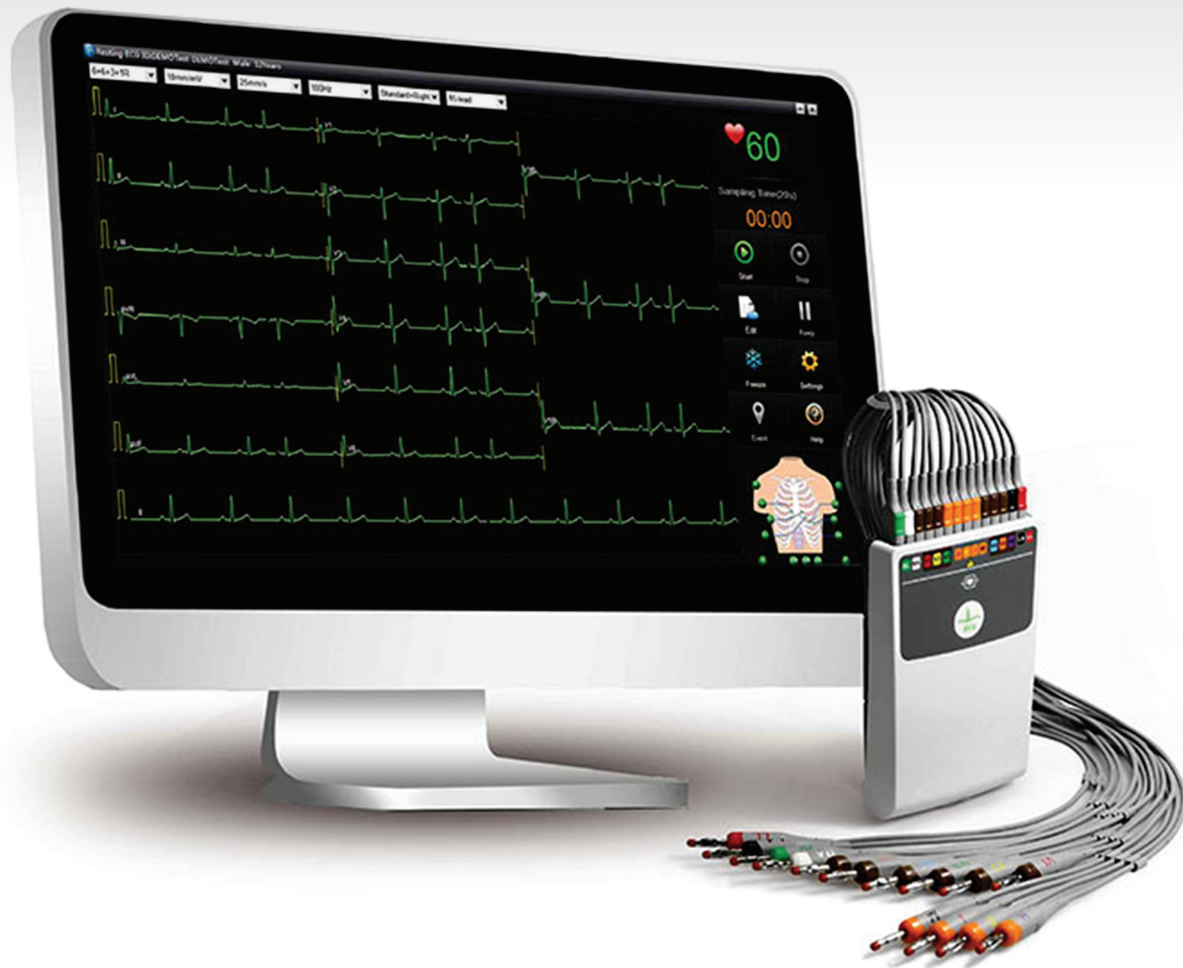
- Powerful software with comprehensive functions
- 9/12/15/16/18-lead ECG configurable
- DE15/DE18 sampling box with convenient sampling button and signal quality indicator
- Multi-user Permission Configuration
- Enhanced powerful technical specifications provides reliable signal quality
- Lead reversal function to easily rectify wrong placement of electrodes
- Auto arrhythmia detection highlights the arrhythmia part on ECG traces automatically
- Event marker enables you to take notes anytime during sampling
- Feature description offers you more confidence for the diagnosis conclusion
- Reports comparison provides you an easy way of comparing ECG traces
- Stress test function (Optional)
- Handy DX12 12-lead Wireless sampling box/Cost-effective DP12 12-lead Wired Sampling box/ Advanced DE18 18-lead Wired sampling box (Optional)

Data Management System

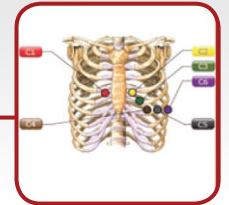
- Support all ECGs except SE-1/100
- Bi-directional communication with ECGs
- Multi-user Permission Configuration
- Worklist support
- Patient information and ECG data management
- ECG reports printing on A4 paper
- Massive data sharing and management solution
- Multi-format reports transferrable via Email
- Support multi-format reports: XML/SCP/DICOM/PDF/JPG/BMP/TIF/PNG

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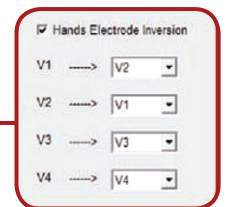
The color-coded lead map and the color-coded ECG waveforms facilitate instant signal quality indications.



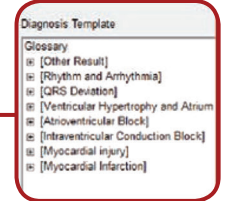
Arrhythmia segments can be detected, highlighted, and saved automatically.



Clinicians can correct the lead reversal on PC even after ECG acquisition.



The built-in ECG glossary consists of rich diagnostic templates with detail feature descriptions and integrated diagnostic results, which helps clinicians draw conclusion effectively and efficiently.



Sophisticated All-in-1 Workstation

The GT-515 integrates comprehensive ECG solutions into one elegant PC-based platform. The versatile PC software, combining with the exquisite ECG sampling boxes, provides efficient access to diverse applications:

- 18/16/15/12/9-lead Resting ECG
- Stress Test
- ECG Data Management
- ECG Network Gateway

Clinically Oriented Methodologies

The up-to-date clinical methodologies boost your productivities in each and every ECG test with practical workflow, reliable SEMIP® algorithm, and rich outputs.

Resting ECG: Supports up to 30 minutes ECG acquisition with full disclosure waveforms, VCG, TVCG, SAECG, QTD, HRV, and HRT analysis are also available for corresponding applications.

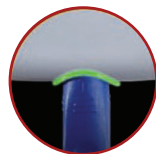
Stress Test: Supports unlimited user-defined protocols with automatic 12-lead reports. ST assessment, METs, Double Product, Duke Score and FAI% are also included to render you an integrated report.



Color-coded Lead Wires



One-button Start/Stop



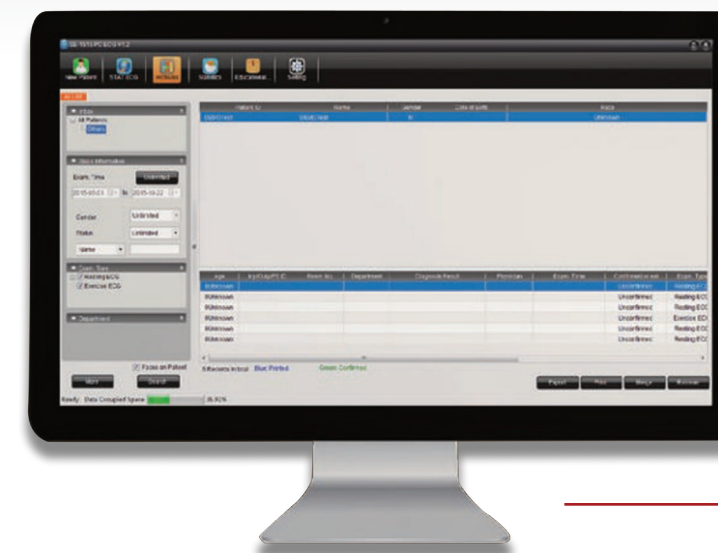
LED Signal Quality Indicator



Maximized Performance

The DE18/DE15 sampling box combines multiple ranking technologies in one, presenting maximized performance with minimized signal distortions.

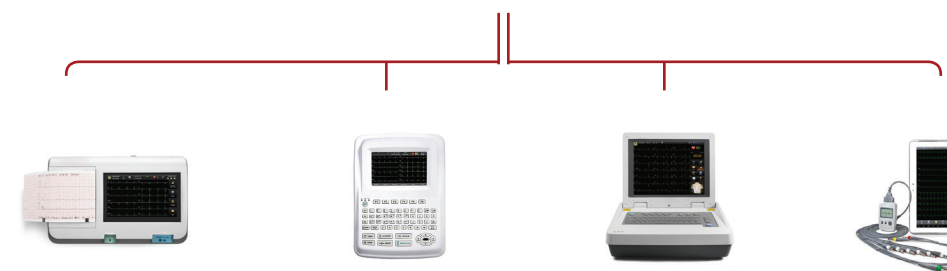
- 16,000 Hz Sampling Rate: Maximizes signal fidelity.
- 24 bit A/D Converter: Maximizes signal resolution.
- 140 dB CMRR: Minimizes signal distortions.
- 0.01~300 Hz Bandwidth: Minimizes signal loss for pediatric diagnosis.



GT-515



EMR/HIS/PACs/CIS



Centralized ECG Explorer

Besides regular ECG examinations, the GT-515 also performs as a data management system, connecting all the standalone ECG machines to realize a paperless workflow.

- Bi-directional communication with ECG machines on worklist and reports.
- Cardiac consultation upon ECG reports over database sharing.
- Multiple report formats output including PDF, XML, SCP, DICOM, JPG, BMP, and DOC.
- Data access with HIS/EMR/PACs/CIS based on HL7/DICOM/GDT protocol.