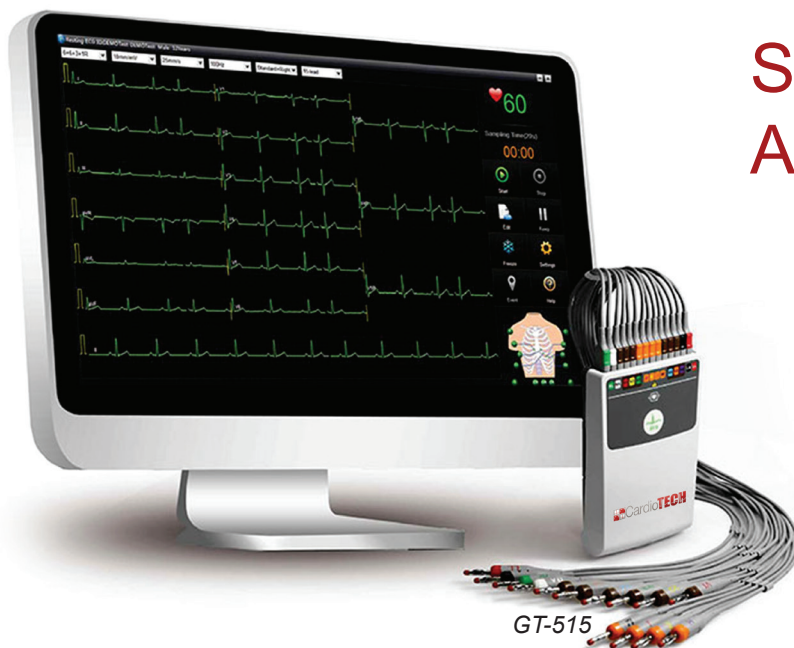*GT-500W*

GT-500 SERIES

PC ECG WORKSTATION

GT 500W 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)

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

Sophisticated All-in-1 Workstation

The GT 500W 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
- ECG Data Management
- Stress Test
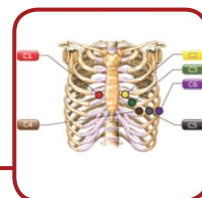- ECG Network Gateway

GT-515

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.

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

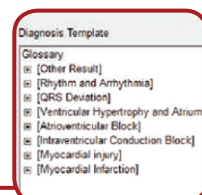Arrhythmia segments can be detected, highlighted, and saved automatically.

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.

Maximized Performance

The DE18/DE15 sampling box combines multiple ranking technologies in one, presenting maximized performance with minimized signal distortions.
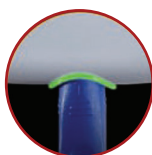
- 16,000 Hz Sampling Rate: Maximizes signal fidelity.
- 24 bit A/D Converter: Maximizes signal resolution.
- 140 dB CMRR: Minimizes signal distortions.
- 0.01~300 Hz Bandwidth: Minimizes signal loss for pediatric diagnosis.

Color-coded Lead Wires

One-button Start/Stop

LED Signal Quality Indicator

CardioTECH

GT-515

GT 500W   GT 500W   GT 500W

GT 500W

EMR/HIS/PACs/CIS

Centralized ECG Explorer

Besides regular ECG examinations, the GT 500W 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.