CARDIOTECH
GT-500 SERIES

PC ECG Workstation

Portable   Stress Test   Bluetooth

Standard Parameters: 9/12/15/16/18-lead ECG, Compact Design, ECG Network Gateway

Optional Parameters: Stress Test, ECG Data Management

Sophisticated All-in-One 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.
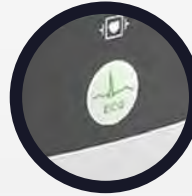
Maximized Performance

The DE18/DE15 sampling box combines multiple ranking technologies in one, presenting maximized performance with minimized signal distortions.
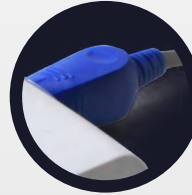
- **16,000 Hz Sampling Rate:** Maximizes signal fidelity.

- **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

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.