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ECG-2000

PC ECG System



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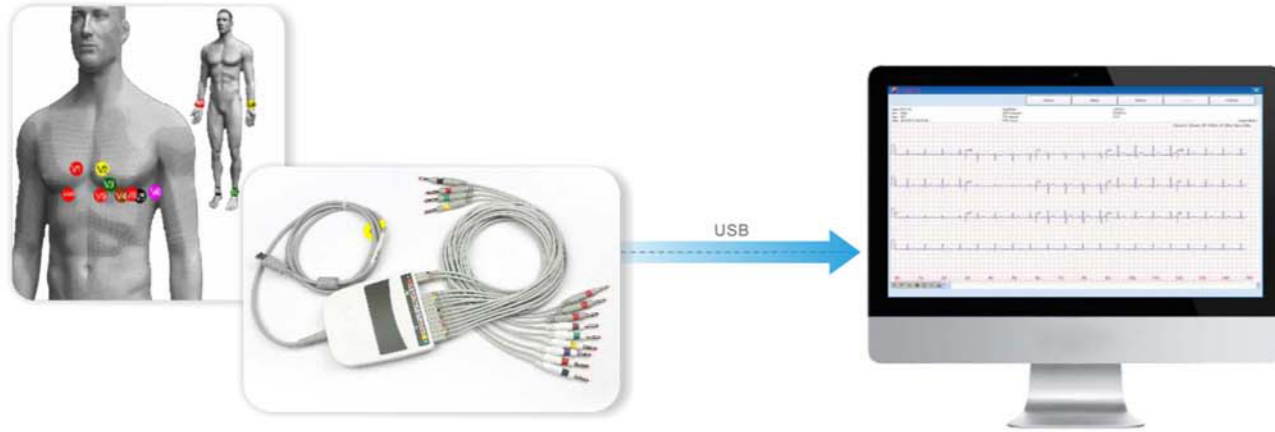
ECG-2000

PC ECG System

Thanks to Biocare R&D team's hard work, we successfully released the ECG-2000 15-lead version. Combined with an outstanding acquisition module and comprehensive analysis software, ECG-2000, both 12-lead and 15-lead versions, can be used as a standalone ECG device or, for more complex applications, as reanalysis, storage, review and statistics workstation.

● Sensitive and intelligent acquisition module

- Advanced 24-bit A/D converter technology, better in weak signal detection
- Broad frequency response 0.05~250Hz for weaker signal recognition and capture, more suitable for children and newborns
- New generation high-performance chip, great improvement in anti-drift and anti-overlapping
- Instant-on waveform, auto-stabilized in 3 seconds



● Accuracy and reliability in ECG interpretation

Biocare's CardioPro™ ECG analysis program has been proven by official CSE database evaluation with high accuracy and reliability in measurement and interpretation.

- The sensitivity and specificity of QRS detection and analysis are up to 99%
- 0.01 Hz for high-pass frequency of ECG signal contributes to undistorted ST segment measurement and analysis
- Exclusive analysis module for children and pediatrics with 250Hz low-pass frequency, meets the newest standard of AHA/ACC/HRS 2007
- Applied the latest Minnesota code
- Pacemaker detection and analysis

● Powerful analysis modules

ECG-2000 offers full-range resting ECG analysis functions for doctors, which enables clinical efficiency through flexibility according to individual patient needs.

- 12-lead ECG
- 15-lead ECG (only available in 15-lead version)
- Vector cardiograph (VCG)
- Ventricular late potential (VLP)
- Heart rate variability (HRV)
- High-frequency ECG (HFECG)
- Frequency ECG (FECG)
- Heart rate turbulence (HRT)
- QT analysis



● Ease-of-use, streamlined workflow

- Compatible with Windows 2000/XP, Win7, Win8, Vista in 32/64 bits
- Sequential function keys and on-screen menus allow for quick, simple and reliable operation
- Time-programmed acquisition from 12s to 300s for different clinical needs
- Selected waveforms enlargement for detail analysis
- Measurement values can be re-edited
- Contrastive analysis for two files by the same or different patients
- Strong standard and customized diagnosis templates to facilitate your final diagnostic conclusions



• Main interface



• Waveform enlargement



• Contrastive analysis



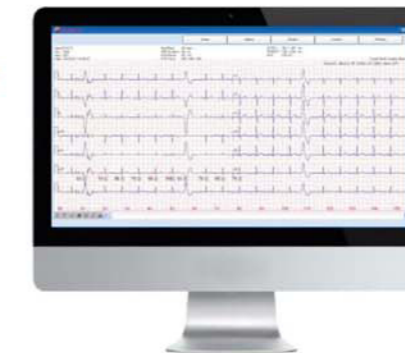
• Diagnosis templates

● Data management solution

- Support single file or batched files import and export
- Unlimited data storage and management capability



• Multiple file formats



• Support file query by various terms