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iE 3

Digital
Electrocardiograph



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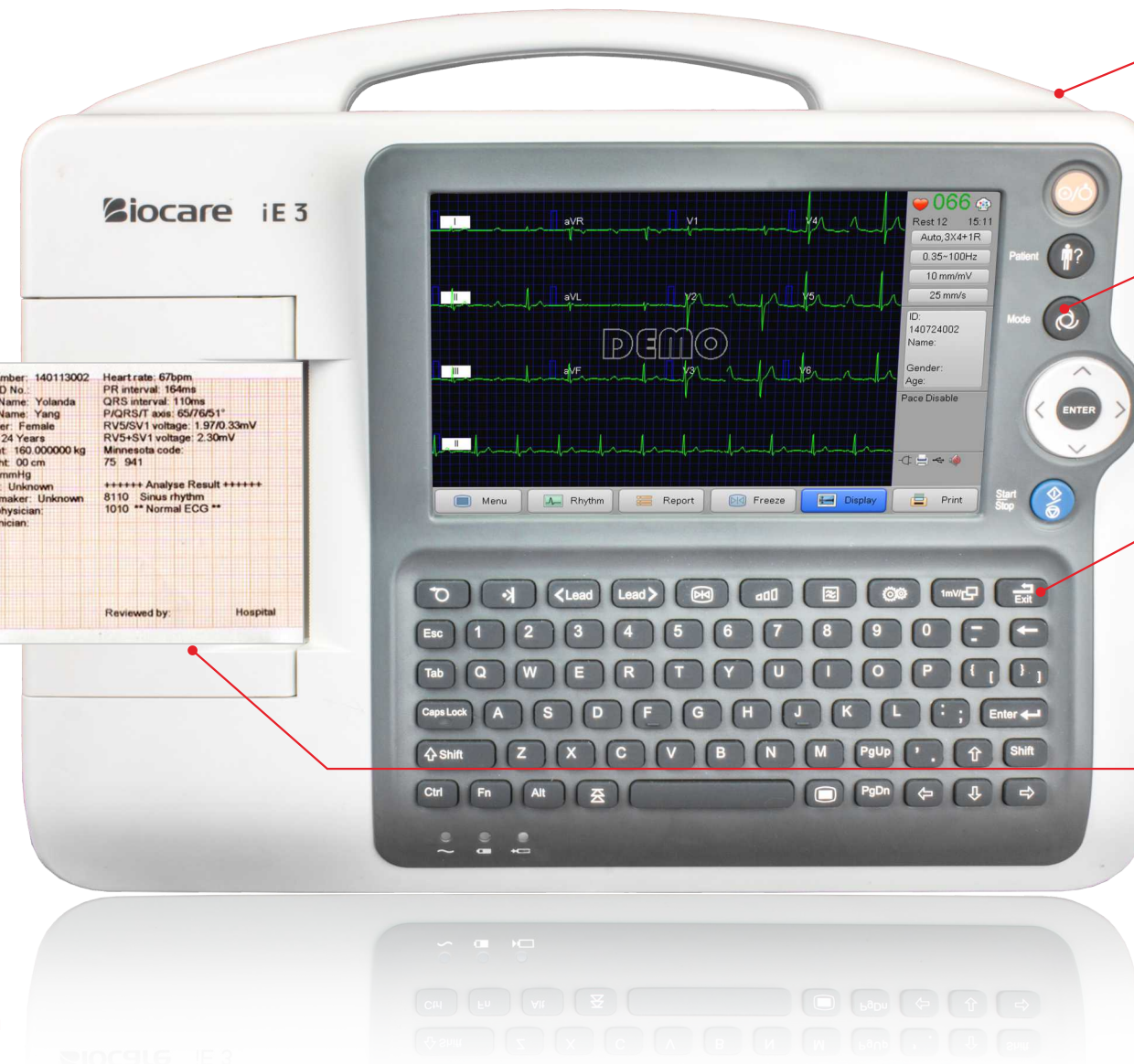
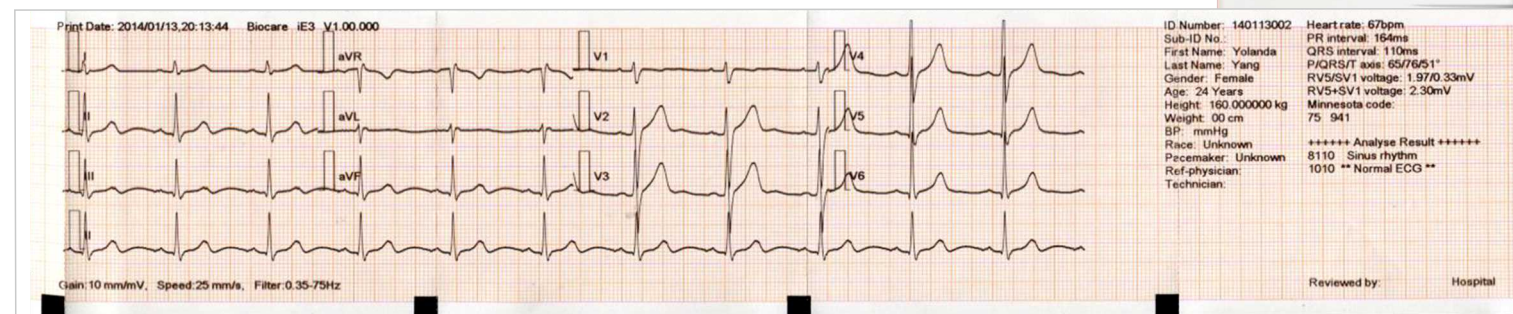
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iE 3

Digital Electrocardiograph

iE 3, a three-channel ECG of Biocare, has incorporated many details to improve its performance in routine workflow for physicians from acquisition to analysis, from display to printing. It will definitely give you a new impression on three-channel ECG without any doubt.



Ergonomic design, light in weight



7-inch high resolution TFT LCD



15-degree elevation, easy to observe



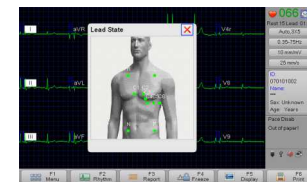
Peripheral ports: SD card, USB, LAN

Streamlined workflow, new operating experience

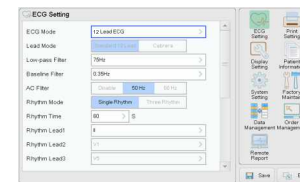
Biocare has been striving hard to improve the ECG routine workflow for patients and physicians. By applying upgradable user interface design, iE3 will deliver a new and comfortable examination experience.



- Unique ECG data acquisition module with independent lead wires, better in signal quality, faster in acquisition and less cost in maintenance



- Onscreen operation guide to check the ECG procedure



- New sub-menu design, fewer steps from starting to finishing, more efficient and speedy in operation

- Human voice reminder and visual alarming for lead attachment, noise interference and so on
- Support common settings saving, flexible to change for different situations for physicians and patients
- Massive local storage capacity up to 3000 files

Elegant design, easy to use

Built-in rechargeable battery, up to 3.0 hours of continuous work

Shortcut key designed for one key operation

Full alphanumeric silicon keyboard, quick in information input

80mm thermal paper, both roll paper and Z-fold paper

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%.
- Up to 300 seconds of rhythm analysis, enabling doctors to find arrhythmia easier.
- 0.01 Hz for high-pass filter of ECG signal contributes to undistorted ST segment measurement and analysis.
- Applied the latest Minnesota code.
- Complete digital filters and self-adapting filtering guarantee noise elimination without waveform distortion.
- Exclusive analysis module for children and pediatrics with 250Hz low-pass filter, meets the newest standard of AHA/ACC/HRS 2007.