



biocare

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iE 3
Digital
Electrocardiograph



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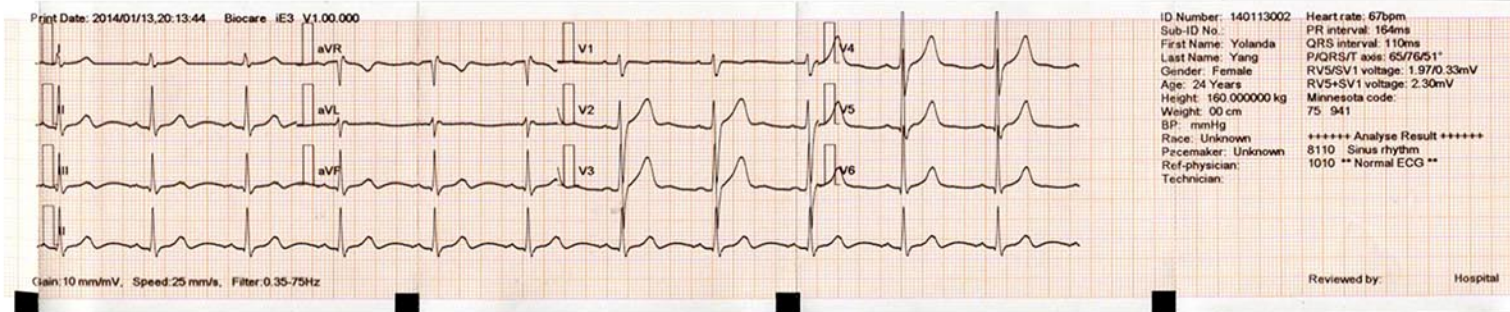
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iE 3

Digital Electrocardiograph

As a new three-channel ECG of Biocare, iE3 has incorporated many details to improve its performance in routine workflow for physicians from acquisition to analysis, from display to printing. iE3 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

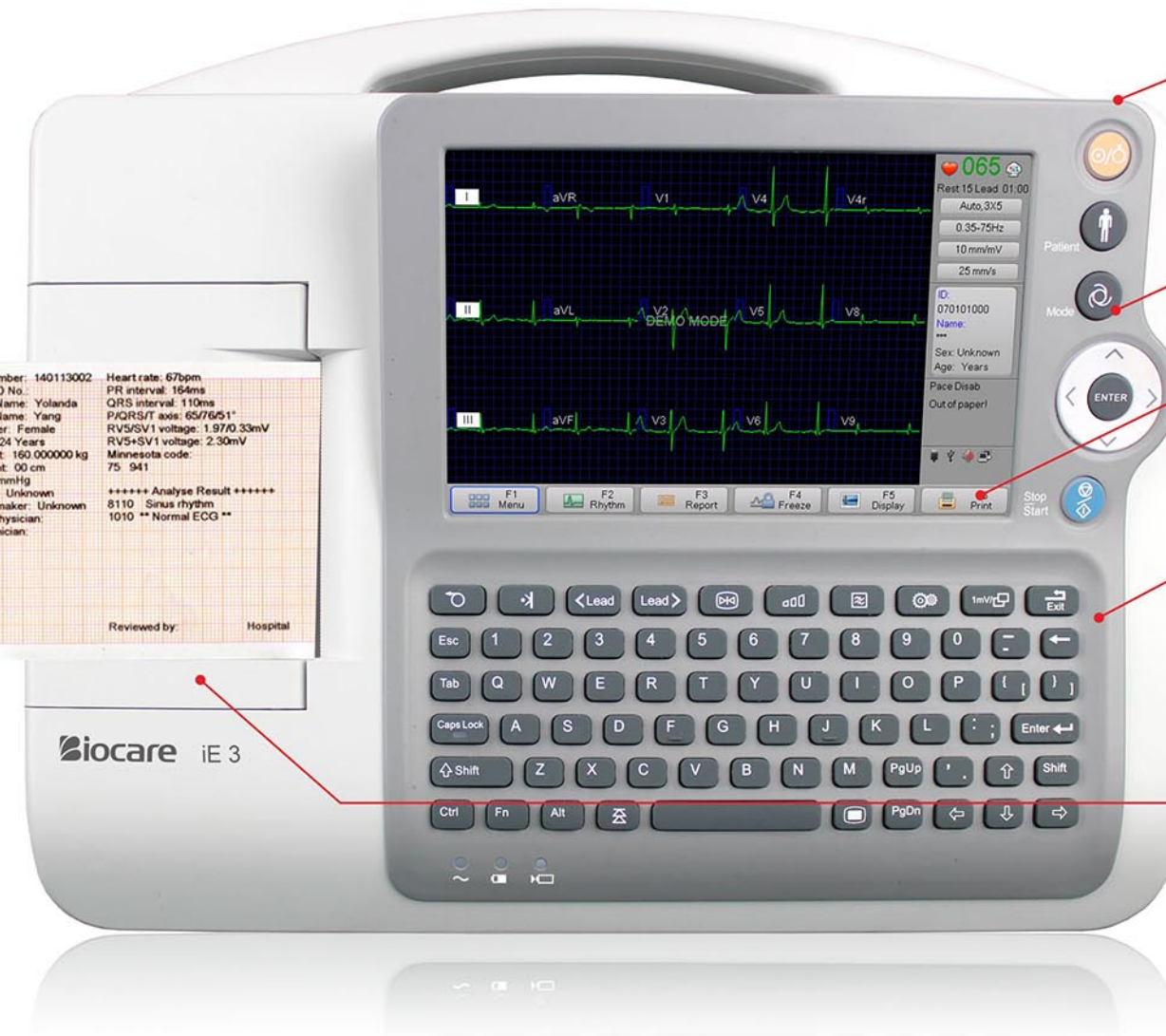


15 degree elevation, easy to observe



Peripheral ports: SD card, USB, LAN

Elegant design, easy to use



Build in rechargeable battery, up to 2.5 hours of continuous work

Multiple shortcut keys designed for one key operation

Full alphanumeric silicon keyboard, quick in information input

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

Streamlined workflow, new operating experience

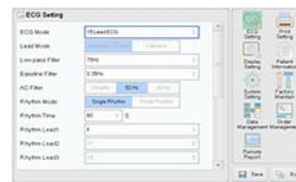
Biocare has been striving hard to improve the ECG routine workflow for patients and physicians. By applying upgradable user interface design, iE3 will deliver a new and comfortable examination experience.



- 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
- Supporting common settings saving, flexible to change for different situations, physicians and patients
- Massive local storage capacity up to 1500 files

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%.
- Applied the newest Minnesota code.
- Up to 300 seconds of rhythm analysis, enabling doctors to find arrhythmia easier.
- Complete digital filters and self-adapting filtering guarantee noise elimination without waveform distortion.
- 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.