Biocare

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iE 12A
Digital
Electrocardiograph

CE 0123 TÜV MD MC

Full and illuminated alphanumeric keyboard

Weight about 3.4kg, integrated handle to carry everywhere easily

8.9-inch TFT touch screen with 15 degree angle, 1280*768, clear to read
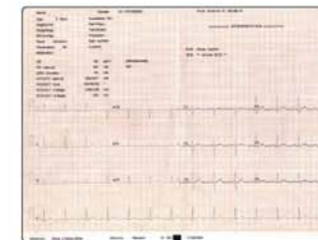
Peripheral ports: VGA, USB, LAN, SD card

Built-in rechargeable lithium battery for up to 2.5 hours of continuous work

iE 12A

12-channel digital electrocardiograph

Data management solution

- File formats: XML, DICOM, JPG, BIOCARE private etc.
- Internal memory can be 1500 files
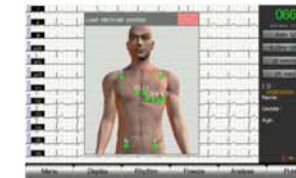- Support SD card and USB flash disk

Economic report

WiFi

- Upload data to ECG management software by LAN or WIFI (optional)

Streamlined workflow from start to finish

- Icon buttons on the screen for intuitive operation
- Various report formats for printing

- Barcode scanner to quickly input patient ID
- On-screen guide to check for loose leads
- Preview the report before printing

Efficiency in acquisition

- Advanced 24-bit A/D converter technology, better in weak signal detection
- Complete filtering technology against AC, EMG interference and baseline wandering
- Individual lead wires can be exchanged
- 3 operation keys for efficiency improvement and time-saving

Rhythm

Freeze

Start / Stop

Individual lead wires

Excellence in measurement and interpretation

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

#### Analysis for children and newborns

- 0.05 Hz for high-pass frequency, more sensitive in weaker ECG signal detection, contributes to undistorted ST segment measurement and analysis
- Exclusive analysis module for children and pediatrics with 250Hz low-pass frequency, meets the latest standard of AHA/ACC/HRS 2007
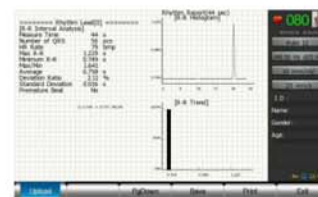
Arrhythmia detection

- Auto-trigger printing when arrhythmia is detected under trigger mode
- Extending printing prompt

R-R analysis

- Up to 300 seconds R-R analysis in 1 or 3 rhythm leads for easier in arrhythmia locating
- R-R trend and histogram for clinical reference
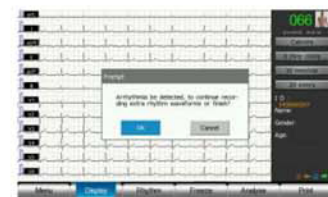
Arrhythmia detection

R-R analysis

Freeze function

- Up to 300 seconds of uninterrupted 12-lead frozen waveforms for intermittent arrhythmia analysis.
- Selectable any 10 seconds for a fully interpreted report.

Cabrera lead mode

- Cabrera mode available to orientate the original position of myocardial ischemia or arrhythmia

Pacemaker detection

- Identify pacemaker types and working status through ECG analysis
- 3 status for various pacemaker types: weak, normal, enhance
- Automatically measure wave complex duration and amplitude
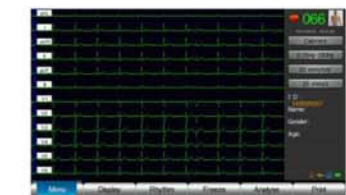
Cabrera mode

Pacemaker detection