

CONTEC

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LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



Electrocardiograph E18

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CONTEC reserves the right of product appearance, specifications and function modification and updating,
without prior notification.

Electrocardiograph

E18



18-lead ECG



HD color screen



mass storage



accurate measurement



All-around display



professional level

Dimension: 420 mm (L) × 360 mm (W) × 110 mm (H)

Weight: about 4.7kg (excluding recording paper and batteries)

The device is an electrocardiograph which can collect 18-lead ECG signal synchronously and print ECG waveform by the thermal printer. It features in recording and displaying ECG waveform in auto / manual mode; measuring, analyzing and diagnosing ECG waveform parameters automatically; prompting for "Lead off" and "Lack of paper"; optional interface language (Chinese / English, etc.); built-in lithium battery, AC / DC; selecting rhythm lead willingly to observe abnormal heart rate; case database management, etc.

Functions

- ◆ Sync collection for 18-lead ECG, optional lead modes: 18-lead, 15-lead, 12-lead, 9-lead, etc. or user-defined, Cabrera-lead waveform display. Get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal.
- ◆ Power supply: AC / DC (which can adapt AC 50 / 60 Hz), with built-in rechargeable lithium battery, perfect over-current and over-voltage protection circuit.
- ◆ Review and display 3-lead, 6-lead, 12-lead, 18-lead or other ECG waveform, display HR value, print mode, sensitivity, paper speed, filter state, clock, battery power, background grid, measured parameter and interpretation, etc., and with prompt functions for lead - off, overload and system working state.
- ◆ In optimal DC state, up to 10-hour standby time, continuous print for more than 3-hours, which meets the requirements of visiting a patient at home and body examination.
- ◆ Support mobile communication, wired and wireless network, the case can be uploaded automatically, the report can be downloaded and printed automatically.
- ◆ Historical cases can be reviewed, inquired, modified, transmitted, printed, lead corrected, the cases can also be exported to other electronic file formats (dat, pdf, xml, bmp, jpeg, etc.)
- ◆ Built-in thermal printer, support multiple print modes and formats, such as, $M \times N$, $M \times N + 1$, $M \times N + 2$, $M \times N + 3$, rhythm M and manual, etc. The contents including time, paper speed, sensitivity, calibration signal, lead name, filter state and patient information can be printed. The waveform length printed, measurement parameter output, diagnosis conclusion, superimposed QRS waveform, histogram, trend chart and interval list, etc. can be set. With the print functions (timing print and auto-print for arrhythmia, etc.), which meets different kinds of requirements.
- ◆ With the functions of auto-measurement and auto-interpretation for routine ECG parameters, provide measured results and auto-diagnosis conclusions for HR, PR interval, P Duration, QRS Duration, QT / QTc interval, P / QRS / T Axis, R (V5), S (V1), R (V5) + S (V1) amplitude, etc. which can reduce the doctor's burden a lot.
- ◆ Built-in memory stores at least 4000 cases (data saving time: 10 s), convenient for case review and statistic collection.
- ◆ Chinese / English operating interface, the report in corresponding language can be printed; built-in virtual keyboard, support Chinese / English input method.
- ◆ Support external USB standard keyboard, mouse, scanner and printer.
- ◆ Support ID card reader.