

# CONTEC

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## LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



## Electrocardiograph E3

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# Electrocardiograph

## E3



12-channel ECG



Multi-language interface



Auto-analysis report



Accurate in measurement



Time print



Rechargeable lithium battery



This product is an electrocardiograph which is able to collect 12-lead ECG signals simultaneously and print out the ECG waveform with thermal printing system. Its functions are as follows: recording and displaying ECG waveform in auto/manual mode; measuring ECG waveform parameters automatically, and automatic analysis and diagnosis; ECG pace maker detection; electrode-off and out of paper warning; optional interface languages (Chinese/English, etc.); built-in lithium battery, powered either by AC or DC; you can willingly select the rhythm lead to conveniently observe abnormal heart rate; case database management, etc.

## Function

- ◆ High resolution thermal-array output system(8 dots/mm), no adjustment required. Frequency Response is up to 150Hz.
- ◆ Sync collection for 12-lead ECG, support routine 12-lead and Cabrera-lead waveform display. Get high-quality ECG waveform via AC filter, DFT filter, EMG filter and Low-pass Filter of ECG signal.
- ◆ Display 3/6/12 - lead ECG waveform, print mode, sensitivity, paper speed, filter status, etc. on one screen, convenient for contrastively diagnosing.
- ◆ Support many print modes like auto 1×12, auto 1×12+1, auto 2×6, auto 2×6+1, auto 3×4, auto 3×4+1, auto 4×3, auto 3-2+1, auto 3-2, rhythm 4, rhythm 3, rhythm 2 and manual. The printed content contains time, paper speed, sensitivity, calibration signal, name of lead, filter state and patient's information. Information including printed waveform length, output measurement parameter, diagnostic conclusion, superposition QRS waveform, histogram, trend chart and interval list can be set, and with time print function, which meets different kinds of requirement.
- ◆ With the functions of auto-measurement and auto-interpretation for routine ECG parameters, it can provide measurement results for HR, PR interval, P Duration, QRS Duration, T Duration, QT/QTc interval, P/QRS/T Axis, R(V5), S(V1) and R(V5)+S(V1), etc. and auto-diagnosis conclusion, which can reduce the doctor's burden a lot.
- ◆ Rhythm lead can be selected freely, convenient to observe abnormal heart rhythm.
- ◆ The testee's clinical information (such as, ID, Name, Age, Sex, Height, Weight, etc.) can be entered.
- ◆ 1000 cases can be stored by the built-in memory, convenient for case review and statistic.
- ◆ Multi-language (Chinese, English, Turkish, Portuguese, German, Russian and Kazakh, etc.) interface and report.
- ◆ Power supply: AC/DC, with built-in rechargeable lithium battery, charging circuit, perfect over-current and over-voltage protection circuit.