



# ECG1212G ELECTROCARDIOGRAPH

## Introduction

ECG1212G Electrocardiograph is a kind of device that able to collect 12-lead ECG signals simultaneously and print ECG waveform with thermal printing system. it can realize many functions, including recording and displaying ECG waveform in AUTO/Manual Mode, measuring and diagnosing ECG waveform parameters automatically, prompting for "Lead of" and "Lack of paper", multi-language interface, AC/DC Power supply, selectable rhythm lead, case database management, etc. The tread chart and histogram of RR interval can be printed, which is convenient to observe abnormal heart rates. Operations by both buttons and touch screen are supportive.

## Features

- ◆ Syne collection for 12-lead ECG, support for 12-lead and Cabrera-lead waveform display, adopt digital signal processing technology and get high-quality ECG waveform via power frequency filter (50/60Hz), baseline filter and EMG filter (25Hz/35Hz) of ECG signal
- ◆ Display of 3/6/12-lead ECG on screen, and HR value, print mode, sensitivity, paper speed, filter state, clock, battery level, background gridlines, measured data and interpretation information, etc. Prompting function for lead-of and system working state.
- ◆ Built-in thermal printer, support for multiply printing modes and formats, including 12,6+1 (rhythm lead), 6,3+1 (rhythm lead), 3+2 (rhythm lead), rhythm 12, rhythm 10, rhythm 8, rhythm 6, manual, etc. The printed content contains time, paper speed, sensitivity, calibration signal, name of lead, filter state and patient information. Information including printed waveform length, output measurement parameter, diagnostic conclusion, superposition QRS waveform, histogram, tread chart and interval list, can be set, and with time print function and auto arrhythmia print function, which meets different requirements.
- ◆ With the functions auto-measurement and auto-interpretation for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, PR interval, P Duration, QRS Duration, QT/WTc interval, P/QRS/T Axis, R(V5), S(V5) +S(V1), Cornell index, etc, which reduces the doctor's burden,
- ◆ Built-in memory stores at least 4000 cases, external USB storage device expand storage space and cases can be imported and exported.
- ◆ Multi-language(Turkish, French, Chinese, English, German, Kazakhstan, Polish, Portuguese, Russia, Slovenian, Spanish and Ukrainian) interface and report, Full touch screen with buttons operation, built-in virtual keyboard, support Chinese and English input method.
- ◆ in optimal DC state, up to 10 hour standby time, continuous print more than 3-hour, record up to 3000 ECG waveform (commonly, it is 3s case), which meets the requirements of visiting a patient at home and body examination.
- ◆ Historical cases can be reviewed, inquired, modified, transmitted, Printed, exported to other electronic file formats (dat, pdf, xml, bmp, jpeg, etc.), support lead correction and screen measurement, with multi-case comparison function on one screen, and output ECG comparison report.

- ◆ Built-in mobile communication network, wireless network, wired network; cases automatic upload, reports automatic download and print.
- ◆ Support external USB standard keyboard, mouse, scanner and printer.
- ◆ Connect with the ECG-Syne software through network or USB to form ECG workstation, realizing historical data upload, instant acquisition, and additional, multiple analysis functions.

## Accessories

### Standard:

- ◆ A lead cable
- ◆ A limb electrode
- ◆ A chest electrode
- ◆ A thermal recording paper
- ◆ A power cord
- ◆ An earth wire
- ◆ A user manual

### Optional:

- ◆ ECG-Syne software\*USB Cable
- ◆ ECG electrode
- ◆ Bag
- ◆ Conductive paste
- ◆ 4G module
- ◆ Remote Operation Guide
- ◆ Folding print paper

## Physical characteristic

- ◆ Working environment
  - Temperature: 5°C-40°C
  - Relative humidity: 25%-95% (non-condensing)
  - Atmospheric pressure: 700hpa-1060hPa
- ◆ Transport and storage environment
  - Temperature: -40°C+55°C
  - Relative Humidity: ≤95%
  - Atmospheric pressure: 500hPa-1060hPa
- ◆ Dimension: 340mm (L) x 320mm (W) x 86mm (H)
- ◆ Weigh: 5Kg

# CONTEC™



## ECG1212G

### ELECTROCARDIOGRAPH

**Contec Medical Systems Co., Ltd.**

CONTEC Medical System to Exhibit New Products at  
CMEF Spring 2022 in Shanghai

Add: NO. 112 Qinhuang West Street, Economic & Technical Development Zone  
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA

Tel: 0086-335-8015430

Fax: 0086-335-8015588

Website: <https://www.contecmed.com>