

CONTEC

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CONTEC8000G/GW

ECG WORKSTATION

Contec Medical Systems Co.,Ltd.

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

Tel: +86-335-8015430

Fax: +86-335-8015588

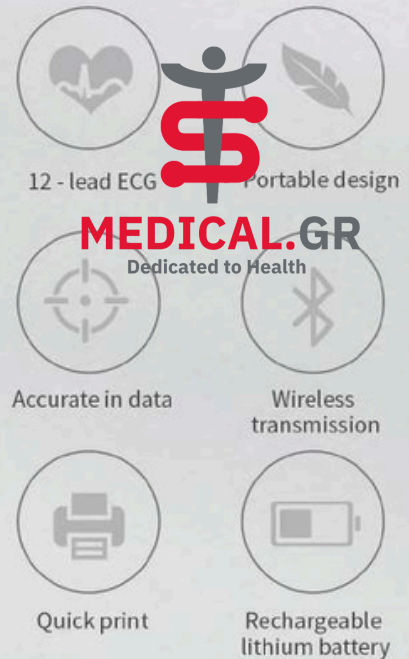
E-mail: cms@contecmed.com.cn

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

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ECG WORKSTATION



The device acquires functions that including synchronous sampling of conventional 12-lead ECG data and 3-lead vector ECG data, various forms of analysis and diagnosis, report output and other functions. As an integrated ECG analysis system, the device can reflect user's heart movement timely and accurately. It is applicable for ECG examination in medical and health institutions, providing accurate and reliable basis for diagnosis.

Features

- ◆ Compact and portable design for Recorder, support both Wilson and Frank lead system. Indicator light can prompt device working status, such as charging, low battery and Bluetooth mode.
- ◆ Adopt real-time sampling, display and storage mode, with functions such as QRS waveform analyzing in real-time, HR calculation and real-time printing, as well as multiple filter methods to avoid from baseline drift and interference.
- ◆ Advanced ECG analysis algorithm ensures accurate auto-analyzing points and reliable auto-recognizing sort of arrhythmia, which makes the analyzing report and conclusion more valuable.
- ◆ For clear display, ECG waveform uses anti-aliasing technology; smart adjustment function of lead position solves the problem of overlapping waveform caused by baseline drift or high amplitude waveform.
- ◆ High sampling frequency (1000 Hz) ensures correct ECG waveform without distortion. High resolution in display and printout guarantees the details of ECG waveform.
- ◆ With dozens of sync and continuous display/print modes, including 6x2, 3x4, 3x4+2, etc. Auxiliary tool, such as superposed waveform analysis, electronic scale and editable terminology database, etc., brings much more convenient for diagnosis and clinical application.
- ◆ Multiple analysis function, including: conventional 12-lead ECG, Frequency Cardiogram (FCG), High Frequency ECG, QT interval dispersion analysis, Heart Rate Variability (HRV) analysis, myocardium ischemia (STLE) analysis, Heart rate turbulence (HRT) analysis, Pacing ECG analysis, Vector Cardiogram (VCG), Time Vector Cardiogram (TVCG) and SAECG, etc.
- ◆ The "shortcut print" function can preview or print the whole analysis reports, and save them in PC with multimedia format (BMP, PNG, PDF or JPG format) according to factual need.
- ◆ Support calling external procedures to obtain patient information of unknown origin, exporting HL7 aECG standard format ECG data, printing electronic report and sending notice to external procedure, convenience for systems docking with hospital HIS, PACS and others.
- ◆ Built-in large capacity rechargeable lithium battery, continuous working for more than 7 hours.