ECG 300GA

ECG 300GA Electrocardiograph

ECG300GA is an electrocardiograph collecting 12-lead ECG signal simultaneously and printing ECG waveform with thermal printing system, which features in, printing ECG waveform with manual or auto mode, measuring and diagnosing ECG waveform parameters automatically, prompting for "Lead off" and "Lack of paper", optional interface languages, case database management.

Technical parameters

Safety classification	class Ⅰ, type CF and defibrillation-proof applied part
Input mode	Floating and defibrillation protection
Input impedance	≥50MΩ
Input circuit current	≤0.1μA
Calibration voltage	1mV, accuracy: ±2%
Polarization voltage	± 500mV
Noise level	≤15μVp-p
CMRR	>60dB, >100dB(Add filter)
Frequency response	0.05Hz~150Hz(-3dB~+0.4dB)
Time constant	≥3.2s
Patient leak current	<10μA
Sampling accuracy	12-bit
Sampling frequency	1000Hz
Power supply	AC:100V~240V, 50/60Hz DC: 7.4V, 2000mAh rechargeable lithium battery
Specification for recording paper	80mm(W)*20m(L) high-speed thermal paper
Dimension	315mm(L)×215mm(W)×77mm(H)
Net weight	1.5Kg

CONTEC™

ECG 300GA

Electrocardiograph

Features

Streamline design
Fashion and delicate appearance
Display working state
Clear and legible in equipment state

Display mode: multi-lead
Collect 12-lead synchronously, Display 1/2/3-lead ECG, print mode, sensitivity, paper speed, filter states in a screen.

Optional printing modes
Such as manual, auto 4*3, auto 3*4 +1, auto 3*4, auto 2*6 +1, auto 2*6, etc; and time for print waveform can be adjusted.

Full-auto analysis function
With the functions of auto-analysis and auto-diagnosis for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc. which reduces the doctor's burden.

Working with AC and DC
AC and DC are optional, in optimal DC state, built-in rechargeable lithium battery can continuously work for 8-hour, print up to 120 minutes and 150-ECG, which meets the requirements for visiting a patient at home and examination.

Case database storage and review
Built-in memorizer can store up to 15 cases, optional SD card for storing up to 50 cases, which is convenient for doctor to review case and statistic.

Full-digital filter design
Adopt digital signal processing technology, obtain high-quality ECG by AC, baseline and EMG filter.

Embedded intelligent operating system
User-friendly interface, features in strong operability, safe and reliable operating system, and supports the function of Up-dating with SD card, which is convenient for maintaining.

Sync transmission
Use with PC software to achieve sync transmission, features in easy and convenient in operating, and powerful in analysis function.

Accessories

Accessory	Quantity
Lead cable	1 set
Limb electrode	1 set
Chest electrode	1 set
Thermal recording paper	1 set
Power cord	1 set
Earth wire	1 set
User manual	1 set

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