

ECG 300G

Technical parameters

Safety classification: class I, type CF and defibrillation-proof applied part
Lead: standard 12-lead
Input mode: Floating, defibrillation protection and pacemaker pulse rejection circuit.
Patient leak current: $<10\mu\text{A}$
Sampling frequency: 1000Hz
A/D conversion: 12bit
Frequency response: 0.05Hz-150Hz (-3dB-+ 0.4dB)
Time constant: $\geq 3.2\text{s}$
CMRR: $>60\text{dB}$, $>100\text{dB}$ (Add filter)
Polarization voltage: $\pm 500\text{mV}$
Noise level: $\leq 1.5\mu\text{Vp-p}$
EMG interference filter: 25Hz/35Hz (-3dB)
AC filter: 50Hz/60Hz ($\geq 20\text{dB}$)
Recording mode: Thermal printing system(8 dots/mm)
Specification for recording paper: 80mm(W) \times 20m(L), high-speed thermal paper
Sensitivity: 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, auto
Paper speed: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s
Power supply:
AC: 100-240V, 50/60Hz
DC: 7.4V, 3700mAh lithium battery
Fuse specification: two AC time-delay fuses, T1.6A1.250V
Dimension: 315mm(L) \times 215mm(W) \times 77mm(H)
Net weight: 1.6Kg

Accessories

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

Optional

ECG-Sync software, connect with PC by USB2.0 interface to form a ECG workstation, collect real-time data to the software for analyzing and printing the report, and old cases stored in ECG can be uploaded to PC. Optional analysis function: spectrum ECG, high-frequency ECG, QT dispersion and HRV.

Certification

CE

ECG 300G Electrocardiograph

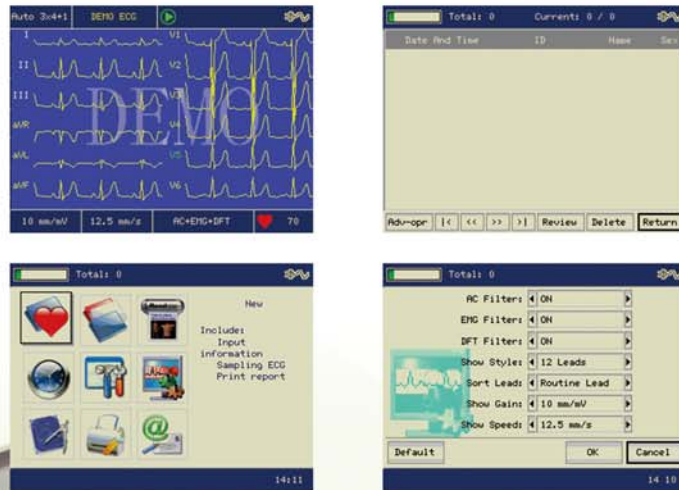



ECG300G is an electrocardiograph collecting 12-lead ECG signal simultaneously and printing ECG waveform with thermal printing system, which features in, recording and displaying ECG waveform with manual or auto mode, measuring ECG waveform parameters automatically, prompting for "Lead off" and "Lack of paper", optional interface languages, case database management.



ECG 300G

Electrocardiograph



 **DANGER**
Possible explosion hazard
if used in the presence
of flammable anesthetics

Features

- Color TFT displays 3/6/12-lead ECG waveform and work state in a screen, convenient for contrastively diagnosing.
- Synchronously collect up to 12-lead ECG signal, powerful digital filter provides signal or combined filter mode, such as baseline filter, AC filter and EMG filter, which helps eliminate interference and obtain higher quality ECG easily.
- Design with several auto-print modes and flexible manual print mode; waveform length to be printed can be adjusted, and with the function of time print, which meets different requirements.
- 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 helps read ECG.
- AC and DC are optional, in optimal DC state, built-in rechargeable lithium battery can continuously work for 10-hour, print up to 3-hour and 260-ECG, which meets the requirements for visiting a patient at home and examination.
- Built-in memorizer can store up to 1000 cases, which is convenient for doctor to review case and statistic.
- Optional 13 interface languages and reports, such as Chinese, English, Spanish, Turkish, Polish, Italian, French, German, Portuguese, Kazakhstan, Russian, which meets different requirements.

