

12 Leads ECG

MECG12

The MECG12 diagnostic ECG measurement module is a 12-lead ECG, which is used in the diagnosis and analysis of the patient's ECG.



Dimension : 130 mm × 70 mm × 13 mm

Features

- > With 12-lead ECG waveform display
- > With unique ECG analysis function, verified by MIT database and CSE database
- > Support 255 kinds of auxiliary diagnosis such as arrhythmia, conduction block, myocardial infarction, ventricular hypertrophy, etc.
- > The filter mode can be switched freely
 - Low-pass filter: 70Hz, 100Hz, 150Hz
 - High-pass filter: 0.05Hz, 0.1Hz, 0.2Hz, 0.5Hz
 - EMG filter: 25Hz, 35Hz, 45Hz
 - AC filter: 50Hz, 60Hz, closed
- ECG calibration function: input 1mv standard voltage to record the waveform amplitude, accuracy ±5%
- > Gain setting: adjust the amplitude of the ECG waveform
- > Notch mode: 50Hz, 60Hz and close notch mode commands can be selected.
- > Linkage detection: identify and judge the state of the lead
- > Channel overload prompt
- > Heart rate calculation: automatically switch the calculation channel according to the state
- > Intelligent judgment pacing detection function
- > Support ECG waveform characteristic interval measurement: including PR interval, QRS interval, QT interval, QTC, P axis, QRS electrical axis, T axis measurement, and RV5, SV1 amplitude measurement
- > Support to provide printable diagnostic analysis results: including arrhythmia, conduction block, myocardial infarction, STT changes, ventricular hypertrophy, atrial enlargement, electrical axis deviation and other diagnostic results of various heart diseases

Specifications

ECG

Range	0.15mV-5.5mV
Accuracy	Undefined
Resolution	2.3uV/LSB
Lead type	3 Lead:I or II or III 5Lead:I ,II,III,AVR,AVL,AVF,V1 12lead: I ,II,III,AVR,AVL,AVF,V1,V2,V3,V4,V5,V6

HR

Range	15~300bpm
Accuracy	±1bpm
Resolution	1bpm

Operating Environment

Power supply	DC.12V±5%
Power consumption	≤3W
Communication	TTL,USART
Temperature	Operating 10°C~ 40°C (50°F ~ 104°F) Storage -20°C~ 70°C (4°F ~ 158°F)