

Mediblu

# ME6P

Digital Electrocardiograph



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Digital  
Electrocardiograph



**ME6P** features itself with reliable quality and low maintenance as a 6-channel ECG. It can be recommended to all applications, such as stationary office, hospital bedsides and ambulatory field work, with functions that will exceed your expectation but not your budget!

## File Management Solutions

- Up to 200 files internal storage
- Unlimited files with external SD card and USB flash disk
- Data transmission via LAN port

## Elegant Design

- 8 inch TFT LCD touching screen
- Durable and comfortable silicon keys and knob for easy use
- Rechargeable lithium battery for 3 hours operation
- Peripheral ports: SD card, USB, LAN

## Technical Specifications

ECG interpretation	ME6P Digital Electrocardiograph ECG analysis program for adults and pediatrics
Acquisition mode	Simultaneous standard 12-lead acquisition
A/D conversion	24 bit
Sampling rate	8,000 sample/second/channel
Frequency response	0.05 Hz~250 Hz
Common mode rejection ratio	>105dB
Polarization voltage	± 550 mV
Input circuit	Floating circuit input
Input impedance	≥50 MΩ
Input CIR current	≤0.1 μA
Patient leakage current	<10 μA
Time constant	≥3.2 s
Noise level	≤15 μV <sub>p-p</sub>
Sensitivity threshold	≤20 μV <sub>p-p</sub>
Calibration voltage	1 mV±5 %
Filter setting	EMG filter: 25 / 35 / 75 / 100 / 150 / 250Hz Baseline wander filter: 0.01 / 0.02 / 0.05 / 0.35 / 0.5 / 0.8Hz
AC filter	50Hz, 60Hz
Heart rate range	30~300 bpm
Acquisition time	10~24 seconds

### Display specifications

Display type	8 inch TFT LCD with touch screen
Display resolution	800×480

### Power supply

AC power supply	AC / DC 100 V~240 V, 50 Hz /60 Hz, 80 VA
Battery power supply	Rechargeable lithium battery, 14.8 V, 2200mAh

### Recorder specifications

Recorder resolution	8 points/mm (perpendicular) 40 points/mm (horizontal, 25 mm/s)
Recorder speed	(5, 6.25, 10, 12.5, 25, 50) mm/s±5 %
Recording paper	112 mm × 140 mm × 160p

### Standard software specifications

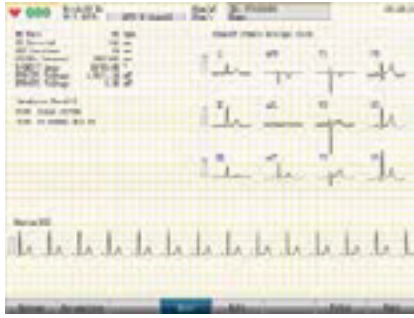
Measurement values	HR, PR interval, QRS duration, QT/QTc interval, P/QRS/T axis, RV5/SV1 amplitude, RV5+SV1 amplitude.
DEMO mode	Normal ECG, Arrhythmia ECG
QTC formula	Bazett, Fridericia, Framingham, Hodges
Data format	ECG, DICOM, XML, JPEG, PDF

### External peripheral use

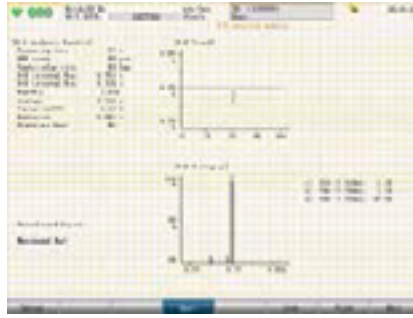
Patient cable socket  
SD card port  
Two USB port  
LAN port

### Dimensions and weight

Length × width × height	257 mm × 291 mm × 106 mm
Weight:	About 2.5 kg



CSE-Certified automatic analysis and interpretation



30-300 seconds for R-R analysis  
Up to 200 kinds of arrhythmia analysis

Parameter	Value
HR	72
PR	160
QT	360
QTc	380
QTd	380
QTJ	380
QTm	380
QTn	380
QTp	380
QTq	380
QTs	380
QTt	380
QTu	380
QTv	380
QTw	380
QTx	380
QTy	380
QTz	380

Report preview on the screen



60 seconds for waveform freezing and analysis



Report re-edit function



Pacemaker detection