



Cardio P1

Datasheet

PC ECG

No Limit in Compact
Cardio P1



1. ECG

Gain	2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5) mm/mV
Frequency Response	0.05~200Hz (-3dB)
Input Impedance	$\geq 50 \text{ M}\Omega$
Input Voltage Range	$\leq \pm 5 \text{ mV}$
Digital Resolution	1 μV /LSB
CMRR	$\geq 105\text{dB}$
ECG Storage	Internal Storage for 500 Data : Built- in Memory
ECG Lead	Simultaneous 12 channel ECG and acquisition
HR Accuracy	30~300 bpm (± 3 bpm)
Recording Type	3CH+3RHY, 3CH+1RHY, 6CH+1RHY, 12CH, 6CH+ST map 1CH Long Time (1min, 3min, 5min, 10min, 20min, 30min) and Special Beat Report (Text, Guide, Vector, ST map)

2. Communication Protocol

Communication	USB data communication (to PC)
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3. Filter

AC	50/60Hz, -20dB or better
Muscle	25~35Hz -3dB or better
Baseline Drift	0.05Hz, 0.1Hz, 0.2Hz, -3dB or better
Low Pass Filter	off, 40Hz, 100Hz, 150Hz

4. Software Minimum Requirement

Operation System	Window 10
CPU	Core2Duo 1.86GHz
RAM	2 GB
Graphics Adapter	VGA RAM 256MB / 1,600 x 900
Hard Drive	500 GB
LAN Speed	10 Mbps
# of USB	2

5. Others

Input Type		Capacitive Touch Screen, Function Buttons, Keyboard(Q70 Only)
Power		5 VDC, Max. 0.5 A
Safety Conformity		ECG : Class I, Type CF Applied Parts: ECG Electrodes
Environ mental	Operation	Ambient Temperature : 10 to 40°C Relative Humidity : 30 to 85% Atmospheric Pressure : 700 to 1,060hPa
	Storage & Shipping	Ambient Temperature : -20 to 60°C Relative Humidity : 10 to 95% Atmospheric Pressure : 500 to 1,060hPa
Dimension		Main Body - 90.75(W) x 103.5(D) x 24.93(H) mm - Approx. 110g

6. Configuration

Standard	• Main Body 1EA • Power & USB Data Cable 1EA • ECG Patient Cable 1EA • Limb Electrodes 1 SET • Chest Electrodes 1 SET • USB Lock Dongle 1 EA	• Hanger 1EA • Silicone Pad 1 EA • ECG Gel 1EA • Quick Manual 1EA • ECG Diagnosis Guide 1EA
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