



Technical Specification

Main unit Size & Weight	HR range	30bpm~300bpm
	Accuracy	±1
	Leads	9,12,15,18 lead synchronous acquisition
	A / D conversion	24 bits
	Sampling rate	32000 samples/Sec
	Common mode rejection ratio	140dB (AC filter on) 120dB (AC filter off)
	Time constant	5s
	Frequency	0.01HZ~350HZ (+0.4db-3.0db)
	Sensitivity	Auto, 2.5mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV, 40 mm/mV, less than ±5% error
	Filter	AC filter: 50Hz, 60Hz, Off
		EMG filter: 25Hz, 35Hz, 45Hz, Off
		ADS filter: 0.01 Hz, 0.05 Hz, 0.32 Hz, 0.67 Hz
		Low pass filter: 75Hz,100Hz,150Hz,300Hz,Off
	Paper speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s and 50mm/s, less than ±3% error
	Input Impedance	100M (10Hz)
	Input Circuit Current	10nA
	Calibration voltage	1mV±2%
	Depolarization voltage	±900mV, ±5%
	Noise	12.5µV
	Amplitude quantisation	0.95 μV/LSB
	Recovery time after defibrillation discharge	<10s
	Pacer pulse display	Pacing pulse with amplitude of ±2mV~±700mV, duration of 0.1ms~2.0ms, A-5 rise time of less than 100µs, and frequency of 100/min can be displayed on the ECG recording.
	Minimum detectable signal	20µVp-p
		Size: 272.6mm(L) * 181.2mm(W) * 25.8mm(H)
	10.1" Tablet	Net Weight: 1.2Kg Size: 274mm(L) * 288mm(W) * 111.2mm(H)
	10.1" Base (Optional)	Net Weight: 2.5Kg
Analysis algorithm	Glasgow	

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BeatMonitor A18 ECGTablet

HEALTHCARE MANAGEMENT PTE LTD



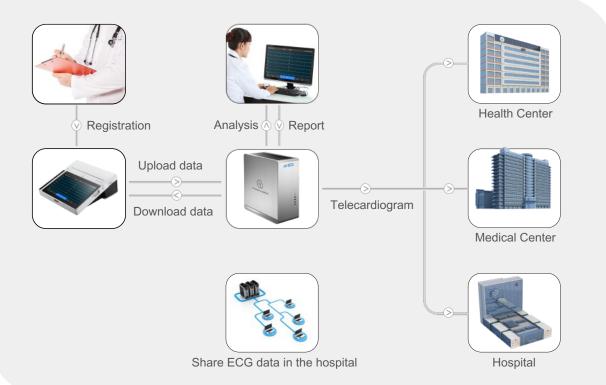




Function Features

- * 10.1" high resolution color touch screen, easy to operate. Portable design, compact in size.
- * Can be powered by an external DC power supply, a built-in rechargeable lithium battery or recorder charging pot.
- * Support synchronous acquisition and display of 9/12/15/18-lead waveform, as well as heart rate detection.
- * Support automatic pacing detection and marking.
- * Support auto, RR analysis, HRV, medicine test, ECG event mode.
- * Provide 4 sampling modes: pre-sampling, real-time sampling, periodic sampling and trigger sampling.
- * Support automatic pacing detection.
- * Input patient information via virtual alphanumeric keyboard and barcode scanning.
- * Freeze the ECG waveform on the screen.
- * Output files in multiple formats, such as Carewell ECG, PDF, BMP, HL7, DICOM, SCP.
- * Store, preview, review, edit, export, upload, print and search patient data.
- * Support wireless transmission of ECG data via WiFi and mobile networks.
- Base with build-in thermal printer and support external laser printer.
- Export patient datato USB flash disk via USB connector.
- Support the user login permission control, use password or account & password authentication to use the device
- Support online and offline login to the device, and view the historical patient data of the department according to thelogin account.
- Support connection with AI-ECG PLATFORM in achieving intelligent diagnosis (Optional).

In-hospital Solution





AI-ECG PLATFORM

AI-ECG Platform is an artificial intelligence (AI) electrocardiogram (ECG) assisted analysis and diagnosis system independently developed by Lepu Medical.

* High Accuracy Rate

Test by 50,000,000 training data and 1,000,000 independent measured data, the average accuracy rate of AI-ECG platform reach 95.2%.

High Analysis Speed

Take 1s for automatically resting ECG analysis. The time saved can reduce the overall time of clinical ECG analysis.

Comprehensive Diagnosis Support 16 types of cardiac classification, 104 types of ECG

diagnostic classifications.