



Neo ECG S120

ECGTablet

Technical Specification

Main unit	HR range	30bpm~300bpm
	Accuracy	±1
	Leads	9,12 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 response	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	≥100MΩ(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 & Weight	7" Tablet	Size: 197mm(L)*112.4mm(W)* 26.1mm(H) Net Weight: 0.8Kg
Analysis algorithm	Glasgow	



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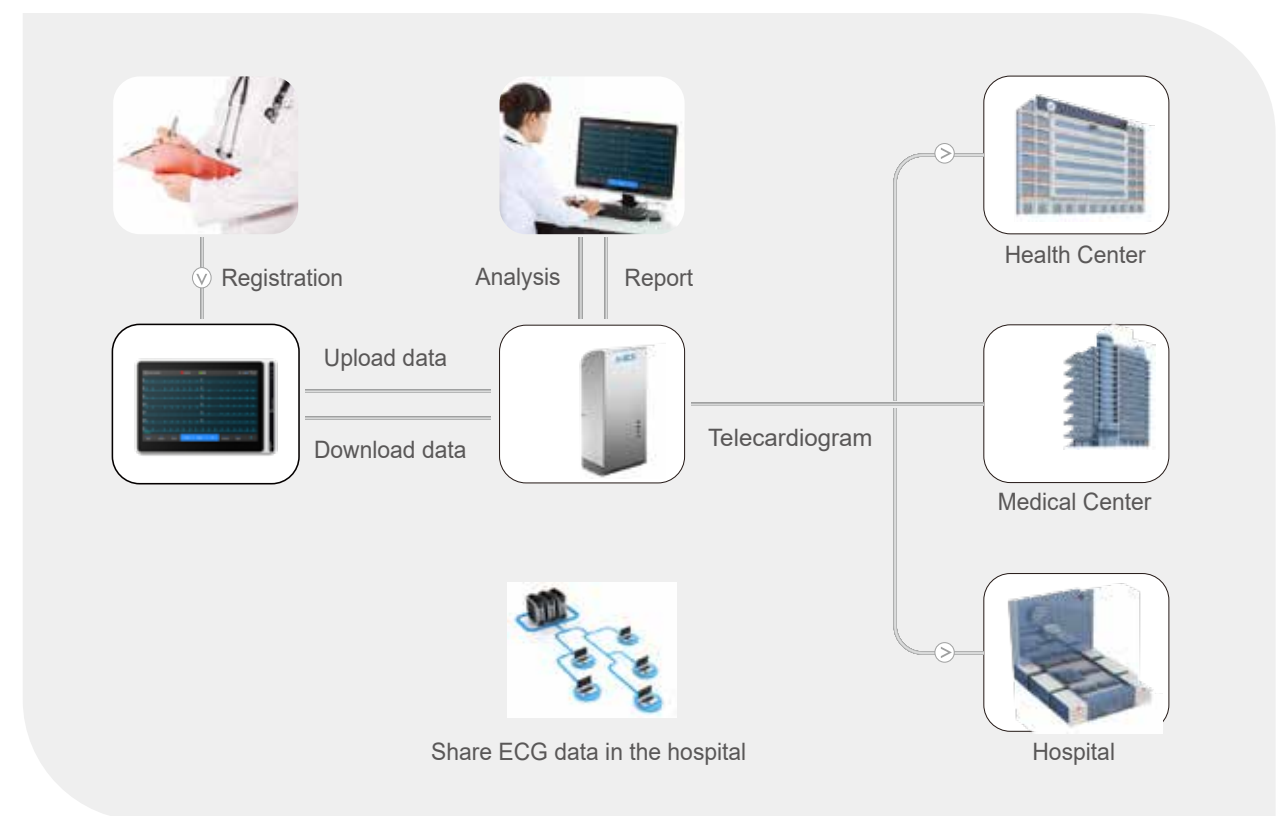
ECG Tablet



Function Features

- * 7" 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.
- * Support synchronous acquisition and display of 6/9/12-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.
- * 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.
- * Support laser printer.
- * Export patient data to 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 the login account.
- * Support connection with AI-ECG PLATFORM in achieving intelligent diagnosis (Optional).

In-hospital Solution



Get More Out of S120

The carrying case and wireless thermal printer meet more scenarios such as medical examination centers, ambulances, emergency rooms, and family doctors.



S120

wireless



Bluetooth thermal printer