



Neo ECG

ECG Tablet

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



NeoECG S120

7" ECG Tablet



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Neo ECG

ECGTablet



- ★ **7" high resolution color touch screen, easy to operate.** Portable design, compact in size.
- ★ Can be powered by an external DC power supply, or built-in rechargeable lithium battery.
- ★ Supports synchronous acquisition and display of 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.
- ★ 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 including PDF, BMP, HL7, DICOM, SCP.
- ★ Store, preview, review, edit, export, upload, print and search patient data.
- ★ Supports wireless transmission of ECG data via WiFi and mobile networks.
- ★ **Supports laser printer.**
- ★ Export patient data to USB flash disk via USB connector.
- ★ Supports the user login permission control, use password or account & password authentication to use the device.
- ★ Supports online and offline login to the device, and view the historical patient data of the department according to the login account.
- ★

Ultra High Resolution, Projective Capacitance Touch Screen.

- 1024 x 600 Resolution
- Unit weight less than 1kg
- Thickness less than 27mm



High Fidelity Reduction Waveform



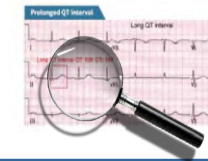
- High precision sampling $\geq 32K$
- High broadband $\geq 350HZ$
- A / D conversion: 24bits

Excellent Robustness

- Input Impedance $\geq 100M\Omega$
- CMRR $\geq 140dB$
- Depolarization voltage $\pm 900mV$



Intelligent Analysis



- Glasgow ECG Interpretation Algorithm as Standard.
- Offers short Diagnostic reports for Hospitals & Detailed reports for Primary Care

INTERFACE OPTIONS

★ STANDARD

Integrated Camera for Barcode Scanning.
USB Port to connect to External Storage Equipment, Printer and other devices.
Built in WIFI.



Camera



USB port



Barcode Scanner
(Optional).



External Laser Printer
(Optional).