



Neo ECG S120

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		



Shenzhen Carewell Electronics Co., Ltd.

Manufacturer address: Floor 4, BLD 9, Baiwangxin High-Tech Industrial Park, Songbai Road, Xili Street,

Nanshan District 518108, Shenzhen, P.R. China

Tel: +86-755-8617 0389

Fax: +86-755-8617 0478

Web: www.carewell.com.cn

Email: info@carewell.com.cn