



Product Code	54230
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

CH-REP	Yes
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RDM (NSIS)	2160130
CND	Z12050301
EAN/UPC	8023279542301
PARAF	950975932
GMDN	16231

Description

NEO ECG S120 - ECG TABLET - BANANA PLUG

Light and portable ECG tablets for acquisition and displaying of 9/12 lead waveform, as well as heart rate detection.

7" high resolution colour touch screen, easy to operate.

It can store, preview, review, edit and upload patient data through wireless transmission of ECG data via WiFi and mobile networks.

Patient data can be exported to USB flash disk via USB connector.

- Glasgow algorithm
- 4 sampling modes: pre-sampling, real-time sampling, periodic sampling and trigger sampling
- automatic pacing detection and marking
- auto RR analysis, HRV, medicine test, ECG event mode
- files in multiple formats: Carewell EC G, PDF, BMP, HL 7, DICO M, SCP
- freezing of ECG waveform on the screen
- virtual keyboard and barcode scanning to insert patient information
- external DC power supply and built-in rechargeable battery
- multilingual selectable software: GB, FR, IT, ES, PT, DE, GR, PL.

Technical Specifications

ECG leads: 9,12 synchronous acquisition

A/D resolution: 24 bits

Heart rate range: 30 bpm-300bpm $\pm$ 1

Sensitivity: auto, 2.5, 5, 10, 20, 40 mm/mV, less than $\pm$ 5% error

Printing speed: 5, 6.25, 10, 12.5, 25, 50 mm/s, less than $\pm$ 3% error

Sampling rate: 32000 samples/sec

Filters:

AC (50-60 Hz, off), EMG (25-35-45 Hz off)

ADS (0.01-0.05-0.32-0.67 Hz)

Low pass filter (75-100-150-300 Hz off)

Frequency response: 0.01-350 Hz (+ 0.4-3.0 db)

Minimum detectable signal: 20 μ Vp-p

Electrical:

Internal noise: $\leq 12.5 \mu\text{V}$
Input impedance: $\geq 100 \text{ M}\Omega$ (10 Hz) circuit current: $\leq 10 \text{ nA}$
Calibration voltage: $1\text{mV} \pm 2 \%$
Depolarization voltage: $\pm 900 \text{ mV}$, $\pm 5 \%$
Commode mode rejection: $\geq 140 \text{ dB}$ (AC filter on) / $\geq 120 \text{ dB}$ (AC filter off)

Amplitude quantisation: $0.95 \mu\text{V/LSB}$
Recovery time after discharge: $< 10 \text{ s}$
Display: 7"
Size - weight: 19.7x11.2x h 2.6 cm - 0.8 kg

Standard accessories

1 ECG cable IEC, $\varnothing 4 \text{ mm}$, banana connector
6 pcs adult precordial suction electrodes ($\varnothing 4 \text{ mm}$)
4 pcs adult limb clamp electrodes
1 rechargeable lithium battery
1 power adapter
Multilingual manual: GB, IT (FR , ES , PT , DE, GR, PL , RU on www.gimaitaly.com)