CARDIO 7 ECG 12 channel with Touch Screen

Product Code	33352
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

UK-REP	No

RDM (NSIS)	2133003
CND	Z12050302
EAN/UPC	8023279333527

Description

NEW ECG CARDIO 7: 12 channel ECG with touch screen

The new Cardio 7 is an electrocardiogram (ECG) device capable of measuring and recording 12 channels of cardiac signals in adult and pediatric patients.
The device enables operators to record and print cardiac signals, review them using various viewing modes, perform automatic detection of cardiac conditions.
It is also possible to manage the digital files by transferring the stored data to a networked PC. This equipment is protected against the effects of cardiac defibrillator discharge.

- over 120 kinds of interpretation results based on advanced Minnesota code, HRV (Hearth Rate Variability analysis)
- memory for up to 200 patients
- real-time preview monitor
- PC compatible through LAN or USB flash drive
- multilingual selectable software (GB, FR, IT, ES, DE, PT, PL, RO, TR, RU, KR)
- lead fault message
- pace maker detection
- automatic arrhythmia detection
- record rhythm from 1 channel for an extended time (1, 5 and 10 minutes) then print it on A4 or letter size printing paper
- wide and clear colour 7” TFT LCD (800x480)
- touch screen for easy operation
- full disclosure function

Technical Specifications

ECG leads: 10 lead, 12 channel simultaneous ECG and acquisition
Dimension: 300x200xh 97.5 mm, approx. 3.5 kg
Recording channel: 3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels, 6 channels + st map 1 channel
Gain: 2.5, 5, 10, 20, auto (I~aVF: 10, V1~V6: 5) mm/mV
Printing speed: 5, 12.5, 25, 50, 100 mm/s
Sampling rate: Analysis - 500 s Digital - 8,000 s
Filters: AC (50/60 Hz, -20 dB or better)
Muscle (25~35 Hz, -3dB or better)
Base line drift (0.05, 0.1, 0.2 Hz, -3 dB or better)
Low pass filter: off, 40 Hz, 100 Hz, 150 Hz
Display: 7" color TFT LCD display (800x480), 12 channels preview ID, HR, gain, speed, power status
Monitor display: ID , date, sensitivity, speed, filter, form, rhythm lead
User interface: Touch screen (alphanumeric and symbol available), Keyboard, rotary push-knob (pop-up menu)
Patient data: ID , name, age, sex, height, weight, smoke, race, department, room number, study...etc.
Basic measurement: Heart rate (30~300 bpm, ± 3 bpm), PR/RR int., QRS dur., QT/QTc int., P-R-T axis, SV1/RV5/R+S amp.
Recorder: Thermal print head, roll paper
width: A 4/Letter 215 mm (8.5") length: A 4 297 mm (11.7") letter 279 mm (11")
A4 report paper: 210x300 mm (8.5"x11")
Resolution: Vertical: 8 dot/mm (0.125 mm pitch)

Electrical: I nternal noise: 20 µV (p-p) max
Input impedance: =50 MO
Input voltage range: = ±5 mV
Common mode rejection: > 105 dB
DC offset voltage: = ±400 mV
Patient leakage current: < 10 µA
Frequency response: 0.05 ~200 Hz in 3 dB
Isolated defibrillation and ESU protected
Signal quality control: Lead fault detection, signal saturation detection Pacemaker pulse detection
ECG data storage: storage for 200 ECGs, built-in memory
Power: input: 100-240 V, 1.5-0.75 A, 50-60 Hz / output: 15 V, 4.2 A
Battery (Li-ion): Replaceable and rechargeable, lithium ion, 10.8V, 3250mA
6 hours of normal use or print 200 ECG pages (12 channel format at 25 mm/s and 10 mm/mV)
Battery complete charge in 3 hours with power off
Communication: PC connection with LAN, WiFi (option), USB flash drive, USB barcode scanner (option)
Safety conformity: Class I, Type CF, CE, CSA, FDA, KFDA, CFDA, CCC

Standard accessories

Patient cable - 10 leads
LAN cable
1 bottle of ECG gel (70 g)
1 power cord
manual (GB, IT)
1 paper roll
4 limb electrodes
6 chest limb electrodes
BM5 Plus (GB, IT)
Rechargeable Li-ion battery