

SINGLE CHANNEL PALM ECG: CARDIO-A AND CARDIO-B

CE 0123

CE 0476



33259

**4 MEASUREMENT MODES:
PALM, LEG, CHEST,
TRADITIONAL**

33260

PALM ECG'S are designed for general practitioners or for domestic users who suffer from cardiovascular diseases such as hypertension, coronary disorders, giving the possibility of a daily ECG test. Records can be saved and used as a reference for clinical applications. **4 measurement modes: palm, leg, chest or lead wire traditional measurement.**

Main features:

- small, portable and easy to use
 - 30 second ECG waveform and measurement results
 - 600 (CARDIO-A) or 1200 (CARDIO-B) ECG waveform can be saved
 - 5 hours (CARDIO-A) or 10 hours (CARDIO-B) ECG continuous measurement data storage
 - analysis and report of 8 types (CARDIO-A) and 17 types (CARDIO-B) of ECG waveform
 - USB 2.0 interface with option data cable and ECG viewer software
 - traditional measurement with optional ECG cable
- CARDIO B with Bluetooth module for wireless data transmission.** Allows to download data on your smartphone or tablet, compatible with Android.
Supplied with multilingual manual and box (GB, FR, IT, ES).

GIMA code	PALM ECG
33260	CARDIO-A palm ECG
33261	CARDIO-B palm ECG - colour display
33259	CARDIO-B Bluetooth palm ECG+viewer software
ACCESSORIES	
33265	ECG viewer software+USB 2.0 cable - for 33260, old 33261
33249	ECG viewer software + USB 2.0 cable for new 33261 since SN: XXS02JL01044 - Jan 2014
33248	New ECG 3 pin lead cable - 3 leads - optional - 2012 from SN: XXQ00HJ03925 for 33260 from SN: XXS02HL01709 for 33261
33264	Old ECG banana lead cable - 3 leads - optional

TECHNICAL SPECIFICATIONS		
	CARDIO A	CARDIO B
ECG bandwidth:	0.5 Hz - 40 Hz	1 Hz - 40 Hz
Heart rate measuring range:	30 - 240 bpm ± 2 bpm	
LCD back light display:	128x64 dot matrix	240x160 dot matrix
Display size:	49x25 mm	57.6x40 mm
Power:	2xAAA batteries	
Dimensions	115x58x18 mm	125x70x21.5 mm
Weight	65 g	106 g

CARDIO-C: 3 CHANNEL POCKET ECG

iHealth
Bluetooth ECG
see page 4



4 pins lead ECG cable

True colour 3.5" TFT display

CE 0123

FDA 510 (K)

Pocket size: 13x9.5x3.2 cm

32 MB memory inside

• 33245 CARDIO-C POCKET ECG 3 channel

- small size, light-weight and easy to carry
 - one-key measurement
 - clear ECG waveform and interpretation of results on colour dot-matrix TFT 3.5" screen
 - up to 19 types of measurement results
 - high capacity built-in memory: 24 hours records storage and review for single channel waveform and 8 hours record storage and review for 3-channel waveforms
 - quick measurement: **by built-in metal electrodes**, on palm, chest or leg or **by external lead wires** (needs optional limb and chest electrodes)
 - data management to review or delete data records locally or to upload to PC
- Supplied with ECG viewer software, USB cable, power transformer, ECG 4 pins lead wire, 25 disposable electrodes, manual (GB, FR, IT, ES, DE, PT).
Other accessories see at page 277-278.

- 33364 SET OF 4 LIMB CLAMP ELECTRODES (4 COLOURS) - adult
- 33327 DISPOSABLE TNT ELECTRODES Ø 55 mm

TECHNICAL SPECIFICATIONS	
Heart rate measuring range:	30 bpm ~ 240 bpm
Heart rate measuring accuracy:	± 2 bpm or ±2% whichever is greater
ECG bandwidth:	0.5 Hz ~ 40 Hz
Internal noise level:	≤ 30µVp-p
Display scale:	5.0 mm/mV ±10%
Common-mode rejection ratio (CMRR):	≥ 60 dB
Waveform sweeping speed:	20 mm/s ±10%
Input loop current:	≤ 0.1 µA
Input impedance:	≥ 5 MΩ
Power	
Power:	4 AA alkaline batteries
Supply voltage range:	4.4 ~ 6 VDC
Max average working current:	≤ 160 mA
Auto power-off:	can be adjustable between 1-5 mins
Low battery indication:	4.4 VDC ±0.2 VDC

Methods of ECG measurements: direct or with lead wires

