

ELECTROCARDIOGRAPH CARDIOMATE PC ECG

AVAILABLE IN TWO MODELS:

- PC ECG - USB
- PC ECG BLUETOOTH (WIRELESS)

Available in 2 models, with USB or Bluetooth connectivity, the SPENGLER PC ECG CARDIOMATE have the same performance as the classic CARDIOMATE ECG range. Our ECG PCs can handle the demands of the most demanding or those looking for simplicity due to their 32 000Hz sampling speed and intuitive software.



HIGH PRECISION



INTUITIVE AND
EFFECTIVE



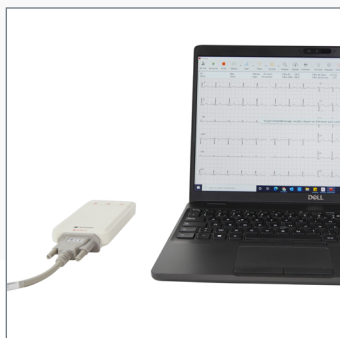
ACCESSIBLE DATA



12 TRACK
PRINTING



MOBILE



CE
0123
Class IIa



ELECTROCARDIOGRAPH

CARDIOMATE PC ECG



HIGH PRECISION

- Record breaking sampling rate, electrical activity is recorded down to the last detail.
- Enhanced processing power for optimum analysis



INTUITIVE AND EFFECTIVE

- Simple, powerful and easy to use PC software
- Real-time 12 branch display on the screen of your choice (PC, TV, smartphone, tablet)
- Automatic interpretation and interval calculation



ACCESSIBLE DATA

- ECG recording to PC and/or smartphone and tablet (Bluetooth version only) for easy transfer.
- Patient database and examination comparisons
- **NEW** : support GDT communication protocol*



12 TRACK PRINTING

Desktop printer printing,
no more thermal paper!

Support Airprint function of main printers



MOBILE

Miniature and lightweight, generate an ECG
with your laptop PC, smartphone* or tablet*
(*Bluetooth version only)

* support GDT communication protocol from software version V4.0.0.0 (Spengler ENG20210521) and above

TECHNICAL SPECIFICATIONS

Diversions	12 standard diversions
Input circuit	Built-in protection against defibrillators
Sampling	32,000 Hz
Frequency response	0.01 Hz~350 Hz
Common mode rejection rate (CMRR)	≥110dB (AC filter off), ≥120dB (AC filter on)
Polarisation voltage	>±950 mV
Sensitivity	1.25 mm/mV, 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV, 40 mm/mV, 10/5 mm/mV, 20/10 mm/mV, AGC
A/D converter	24bit
Recording rate	5 mm/s, 6.25mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s
Input impedance	≥100MΩ
Time constant	≥5s
Noise level	≤10μV
PC software	Windows compatible Android compatible (Bluetooth version only)
Functions	Real-time 12 diversion viewing; 10s, 60s or continuous recording; Zoom, rule and study comparison
Database	Patient database management on a PC (and for Android on the Bluetooth version only)
Report format	PDF, JPEG, XML, FDA-XML, SCP, DICOM
Communication protocol	GDT
Power supply	USB power supply Two AAA batteries (Bluetooth version only)
Filters	EMG filter: 25 Hz / 30 Hz / 40Hz - DFT filter: 0.05 Hz / 0.15 Hz / 0.25 Hz / 0.32 Hz / 0.5 Hz / 0.67Hz/ Filter: AC 50 / 60Hz - Low pass filter: 75 Hz / 100 Hz / 150 Hz
Case	Dimensions 68 x 126 x 24 mm (L x W x H) Weight 104 grams Weight 132 grams (Bluetooth version only)
Includes	1 patient cable, 4 extremity electrodes (clamps), 6 chest electrodes (suction cup), 1 USB cable, a USB key with PC software, 1 USB dongle and 1 user manual. (a bluetooth key for the Bluetooth version only. The software is downloadable on Spengler.fr)
SPENGLER GUARANTEE	2 YEARS

DESCRIPTION	REFERENCE
Cardiomate PC ECG	260039
Cardiomate PC ECG Bluetooth	260040

SPENGLER QUALITY

CE marking

Spengler's CARDIOMATE PC ECG are class IIa medical devices. They comply with the current European regulations and fully meet the general safety and performance requirements.

Technical Support Centre

Spengler SAS provides maintenance and repair of EKGs. Contact our technical support center at +33(0)4 42 90 31 31

Spengler guarantee

The Cardiomate® is guaranteed for two years under normal conditions of use. The guarantee does not cover wearing parts, impact damage and defective maintenance by the user.



www.spengler.fr

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