

# ELECTROCARDIOGRAPH CARDIOMATE PC ECG

- AVAILABLE IN TWO MODELS:
- PC ECG - USB
  - PC ECG BLUETOOTH (WIRELESS)

Available in two models, with USB or Bluetooth connection, SPENGLER PC ECGs offer the XXL performance levels of conventional ECGs. With a 32,000 Hz sampling rate and ultra high performance software, our PC ECGs will perfectly meet the requirements of even the most demanding or those seeking ease of use.



AMAZING ACCURACY



INTUITIVE AND EFFECTIVE



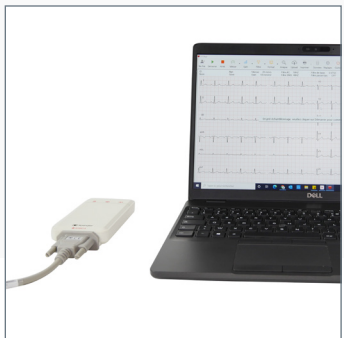
ACCESSIBLE DATA



12 TRACK PRINTING



MOBILE



**CE**  
0123  
Class IIa



# ELECTROCARDIOGRAPH CARDIOMATE PC ECG



## AMAZING ACCURACY

- 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



## 12 TRACK PRINTING

Desktop printer printing, no more thermal paper!



## MOBILE

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

## TECHNICAL SPECIFICATIONS

<b>Diversions</b>	12 standard diversions
<b>Input circuit</b>	Built-in protection against defibrillators
<b>Sampling</b>	32,000 Hz
<b>Frequency response</b>	0.01 Hz~350 Hz
<b>Common mode rejection rate (CMRR)</b>	≥110dB (AC filter off), ≥120dB (AC filter on)
<b>Polarisation voltage</b>	>±950 mV
<b>Sensitivity</b>	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
<b>A/D converter</b>	24bit
<b>Recording rate</b>	5 mm/s, 6.25mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s
<b>Input impedance</b>	≥100MΩ
<b>Time constant</b>	≥5s
<b>Noise level</b>	≤10uV
<b>PC software</b>	Windows compatible <b>Android compatible</b> (Bluetooth version only)
<b>Functions</b>	Real-time 12 diversion viewing; 10s, 60s or continuous recording; Zoom, rule and study comparison
<b>Database</b>	Patient database management on a PC (and <b>for Android</b> on the Bluetooth version only)
<b>Report format</b>	PDF, JPEG, XML, FDA-XML, SCP, DICOM
<b>Power supply</b>	USB power supply <b>Two AAA batteries</b> (Bluetooth version only)
<b>Filters</b>	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
<b>Case</b>	Dimensions 68 x 126 x 24 mm (L x W x H) Weight 104 grams <b>Weight 132 grams</b> (Bluetooth version only)
<b>Includes</b>	1 patient cable, 4 extremity electrodes (clamps), 6 chest electrodes (suction cup), 1 USB cable, PC ECG software + USB dongle and 1 user's manual. (+ <b>Android software, Bluetooth dongle</b> for the Bluetooth version only)
<b>SPENGLER GUARANTEE</b>	2 YEARS
<b>LEGAL GUARANTEE</b>	Lifetime

DESCRIPTION	REFERENCE
Cardiomate PC ECG	260039
Cardiomate PC ECG Bluetooth	260040

## SPENGLER QUALITY

### CE marking

European directive 93/42/EEC: Class IIa. The Cardiomate® meets essential health, safety, hygiene and environmental protection requirements.

### After-Sales

Spengler SAS provides maintenance and repairs for their equipment.

### Legal guarantee

(Art. 1641 and 1648 of the French Civil Code): The Cardiomate® comes with a lifetime guarantee against all defects and hidden manufacturing faults

from the date of purchase.

### 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](http://www.spengler.fr)

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