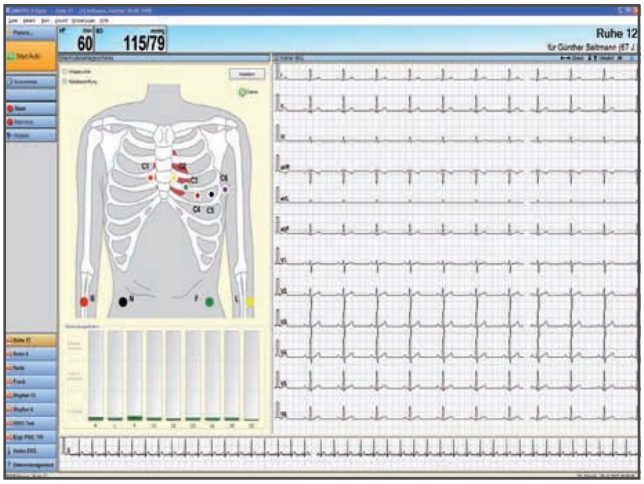
Lovemedical
Cardiopulmonary Diagnostics

ECGpro

12 Lead Resting ECG



✓ Fully Automated and Manual Procedures

In the automatic mode, the ECG acquisition automatically is stopped after 10 seconds, and the ECG is displayed together with the averaged beat, all measurement values and the interpretation proposal on one single screen. For rhythm examinations, you can preset longer automatic recording times up to 10 minutes, and in the manual mode recordings up to 10 hours are possible. If required, saving and printing can be preformed in one single step.

✓ Freeze and Scroll Back

Also in rhythm recordings, all 12 channels of the ECG are saved full-disclosure. Already during the examination, you can freeze the display, scroll back and review the complete ECG recorded up to this time, and print or mark ECG sections. During the main screen is paused, the life ECG is still displayed on the bottom of the screen.

✓ Examination Programs

Our ECG comes with programs suitable for nearly all ECG examinations. If, however, none of the preset programs should fit your needs, you can easily create your own.

Each program can be started by a single click on the corresponding button, which ECGpro creates automatically, and which you can label freely by yourself.

Cardiopart 12 Blue

Cardiopart 12 USB

Our Stress Test software can be used wirelessly with the Cardiopart 12 Blue or via USB with our Cardiopart 12 USB

✓ Data Management

The central Data Management System coordinates and stores all patient data and recordings by using a Microsoft SQL Server Database. The information, coming from all of the ECG modules, so those of the 12-Lead Resting ECG, are gathered in the database.

The ECG works locally or in a network. Fully networked, you can open, edit and print recordings stored in the central database on each client.

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Technical Specifications

Cardiopart 12 USB

Dynamic Range	+/- 316 mV DC
Sample Rate	8000 Hz [125 µs] for each of the 10 Electrode Channels
Resolution	1 µV / LSB [0,01 mm]
Frequency Range	0 - 150 Hz
Pacemaker Detection	Digital Monitoring of all Electrodes
Input Impedance	> 50 Mohm
Electrode Check	Frequency Analysis and Impedance Measurement
Input Protection	Against Defibrillator Shock and HF Surgery Pulses
Patient Cable Connection	15 - Pin D - Sub For 10 Lead Patient Cable
Applied Part	Type CF
PC Interface	USB 2.0 (5 metres USB cable)
Power Supply	By The USB Port of the PC
R Wave Trigger Output	Via LPT Port of the PC
Size	95 x 64 x 28 mm
Weight	90 g
Standards	DIN EN 60601-1/DIN EN 60601-2/DIN EN 60601-2-25/DIN EN 60601-2-51 ANSI/AAMI EC 11

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Patient Cable Connection	15 - Pin D - Sub For 10 Lead Patient Cable
Applied Part	Type CF
PC Interface	Bluetooth® Class 1 or Class 2
Power Supply	2 Mignon AA alkaline or rechargeable batteries
R Wave Trigger Output	Via separate radio transmitter
Size	100 x 164 x 28 mm
Weight	160 g
Standards	DIN EN 60601-1/DIN EN 60601-2/DIN EN 60601-2-25/DIN EN 60601-2-51 ANSI/AAMI EC 11

Note: Patient cable or suction electrode system must feature a protective resistor of 10 kOhm in each of the cables. The use of such patient cable provides protection against defibrillator discharge.

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