

ECG

Holter-ECG

Spirometry

Audiometry

Stress test

ABPM

DDC digital Diagnostic Center®
Patient-Data-Management-Software-System



CARDIAX® PC-ECG

CARDIAX® USB-Version

- USB communication with PC
- Power supply via USB port
- Small, lightweight and sturdy housing

CARDIAX® WiFi-Version

- *In wireless mode:*
 - Wireless communication with PC
 - Power supply via built-in LiPoly battery
- *In USB mode:*
 - USB communication with PC
 - Power supply via USB port
 - Built-in LiPoly battery is charging



PC - EKG CARDIAX®

- Resting-ECG
- Stress test
- HRV
- SpO₂-measuring
- Vector-ECG
- Optional Wireless Version

Most recent microelectronics combined with cardiologically validated Software – the **CARDIAX® PC-ECG** is the ideal device to generate a high quality 12 channel ECG. CARDIAX® is consistently adjusted to the requirements of modern PC Technology.

PRO SPIRO PC-Spirometer

PRO SPIRO PC-Spirometer for pulmonary function treatments. USB and Bluetooth version available - suitable for mobile use -



Pro Spiro WF (USB)

- Digital sampling rate 100 MHz
- Power supply USB-Port



Pro Spiro WF mobile edition (Bluetooth)

- Digital Sampling rate 80 MHz
- Power supply internal 3,7 V battery

PC-Spirometer PRO SPIRO

- FVC
- IVC
- MVV
- Comparison
- WF-Sensor
- Bluetooth Handheld Spirometer

PHYSIO-PORT

Ambulatory Blood Monitoring System

PHYSIO-PORT

- The PHYSIO-PORT-WINDOWS™ documentation software provides large-scaled graphics along with analytical functions, it is optimizing the data processing and is performing a profound evaluation of results, reliable diagnosis and therapy control.
- Additionally, to the diagram (curve chart) of Systole, Diastole and Heart Frequency, all detected values and results can be documented numerically in form of quantitative tables.
- The USB interface cable connection guarantees fast transfer of patient data and set up of the system..



PC-ABPM *PHYSIO-PORT*

- Inflation Measurement Method
- High reliability
- High patient comfort

The especially for PHYSIO-PORT developed oscillometric measuring method (incl. inflationary measurement) is eliminating artifact interferences and is providing precise patient data (up to 48 hours and 400 measurements). Various measuring programs for day and night are available.

CARDIOSPY

Holter ECG



CARDIOSPY Holter recorder features

- 1, 2, 3 independent channels or 12-channel ECG
- Compact size, light weight, comfortable to wear
- Wireless (Bluetooth) communication with PC
- Integrated 3D accelerometer for motion detection
- Pacemaker detection
- Patient event button
- 3- & 12 Channel device with sleep apnoea screening
- Operates with NiMH accumulator or alkaline battery
- Sleep apnoea screening up from 3 channel system

PC-Holter-ECG *CARDIOSPY*

- 1-Channel / Event Recorder
- 2-Channel
- 3-Channel with pacemaker analysis
- 12-Channel with pacemaker analysis
- Bluetooth set up of recorder

The **CARDIOSPY** analysis program performs automatic QRS detection, classification and rhythm analysis which can be interactively modified by the user. It also executes time and frequency based HRV, pacemaker, QT, AF, ST analysis and sleep apnoea screening of 24 hours and/or longer recordings.

DDC digital Diagnostic Center®

DDC digital Diagnostic Center® Patient-Data-Management-System-Software – A Data Management solution with adapted digital diagnostic modules. For adaption to EDP systems of GPO or hospital, various software interfaces like GDT and others are available.



More adaptable modules:

PC-Audiometer **PRO AUDIO**



- Continuous tone
- Impulse tone
- SISI test
- Synchronized tone
- Bone density
- Speech audiometer

Sleepapnoe-Monitor **PORTI 9**



- High resolution signals up to 12 channels
- Reproducible documentation of the measurements
- Automatic detection of events
- Analysis with manual editing possibility
- Online-Dokumentation of all parameters
- Thorax-Sensor, SpO2-Sensor and CPAP-Adapter

PC requirements:

- | | | | |
|--------------------|---------------------------------------|--------------|----------|
| ■ Operating System | WINDOWS™ 10, 11 | ■ RAM | 8 GB |
| ■ CPU | Intel Core i3
recom. Intel Core i5 | ■ HDD | 500 GB |
| | | ■ Interfaces | USB-Port |



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Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO 13485:2016 directives. All products are CE marked.

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