

flexible

SpO<sub>2</sub>

# CARDIAX OXI-M BT

mobile

Pulsewave

Oxygen saturation

**CARDIAX OXI-M BT**  
Pulse oximetry

## CARDIAX OXI-M BT Pulsoximeter-Kit

Oxygen saturation is an important parameter for detection of the aerobic towards the anaerobic phase during stress test, sports medicine and rehabilitation. The CARDIAX OXI-M BT Kit provides the measurement of the oxygen saturation by use of earclip sensor for the differential diagnosis of the aerobic towards the anaerobic status as well as the respiratoric compensation threshold, out of which very often minimized limits of muscular efforts are the results. Beside the actual SpO2 values the Online pulsewave is viewed and stored within resting ECG, stress test intervals and recovery ECG. The Spo2 values are documented in the stress test protocol histograms correlated to Work (W), Heart Rate (HR) and Blood Pressure (BP). For operation of the CARDIAX OXI-M BT Kit the CARDIAX PC-ECG is required.

### CARDIAX OXI-M BT Kit:

#### SpO2 –Oxygen saturation

- Measurement range: 45-100%
- Accuracy: +/- 3% at 70-100%

#### Pulse frequency (HR)

- Measurement range: 30 - 235 bpm
- Accuracy: +/- 1 bpm

#### Display

- SpO2 + HR on PC-Monitor or LCD

#### Pulsewave

- PC-Monitor

#### Pulse tone / Alarm tone

- programmable by CARDIAX Software

#### Signals

- Acoustic and visual signals

#### Power supply

- Lithium-Ion rechargeable battery  
DC 3,7 – 4.2 V, 530 mAh

#### Bluetooth

- Working Distance 10 m, BlueTooth V2.0



CARDIAX OXI-M BT



CARDIAX PC-ECG USB or USB/WiFi version



#### Technical Data:

- Sensor:
- Power adapter:
- Scope of delivery:

#### CARDIAX OXI-M BT Kit

SpO2-Finger-Sensor (Rubber)  
Input Voltage AC 100 – 240 V  
Output Voltage DC 5V  
CARDIAX OXI-M BT Kit complete  
with SpO2-Sensor, OXI-M BT  
Software and USB power cable

### PC requirements CARDIAX PC-ECG

- |                    |                              |                      |                 |
|--------------------|------------------------------|----------------------|-----------------|
| ▪ Operating system | Windows XP SP3, Vista SP2, 7 | ▪ HDD                | at least 500 GB |
| ▪ CPU              | at least Core2Duo            | ▪ Interface OXI-M BT | Bluetooth       |
| ▪ RAM              | at least 2 GB                | ▪ CARDIAX PC-ECG     | USB or Wifi     |



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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 directives. The company is EN ISO certified. All products are labeled with CE mark and in accordance to the Medical Device Directives MDD 93/42/EEC.