

flexible

SpO<sub>2</sub>

mobile

# CARDIAX OXI-M

Oxygen saturation

Pulsewave

**CARDIAX OXI-M**  
Pulse oximetry

## CARDIAX OXI-M-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-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-Kit an USB CARDIAX PC-ECG is required.

### CARDIAX OXI-M-Kit

#### SpO2 –Oxygen saturation

- Measurement range: 45-100%
- Accuracy: +/- 2% at 70-100%

#### Pulse frequency

- Measurement range: 20 - 300 bpm
- Accuracy: +/- 1 bpm up to 100 bpm and +/- 1% >100 bpm

#### Display

- by PC-Monitor

#### Pulse tone / Alarm tone

- programmable by CARDIAX Software

#### Signals

- Acoustic and visual signals

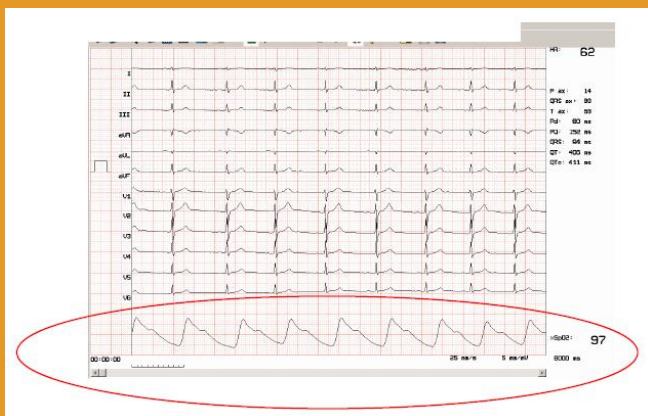
#### Currency

- CARDIAX PC-EKG\_

### CARDIAX PC-ECG with CARDIAX OXI-M-Kit



View of 12 channel ECG with Pulsewave and SpO2



Earclip-Sensor Type SPES-3226

#### Technical Data:

- Sensor: SpO2-Earclip-Sensor
- Option: Fingerclip-Sensor (Resting-ECG)
- Option: SpO2 adapter cable 240 cm
- Dimensions: 35 x 50 x 20 mm without Sensor
- Weight: app.. 60 g incl. Earclip-Sensor
- Scope of delivery: CARDIAX OXI-M-Kit complete with SpO2-Sensor and Software

#### CARDIAX OXI-M-Kit

#### PC requirements CARDIAX PC-ECG

- |                    |                          |                  |                  |
|--------------------|--------------------------|------------------|------------------|
| ▪ Operating system | Windows 2000,XP,Vista, 7 | ▪ HDD            | at least 60 GB   |
| ▪ CPU              | at least Pentium IV      | ▪ Interface      | USB-Port         |
| ▪ RAM              | at least 512 MB          | ▪ CARDIAX PC-ECG | USB up from 2004 |



MESA Medizintechnik GmbH  
Schärflmühlweg 4  
D-83671 Benediktbeuern  
GERMANY

Tel.: +49 (0) 8857 – 6918-0

Fax: +49 (0) 8857 – 6918-29

Email: [info@mesamed.de](mailto:info@mesamed.de)

[www.mesamed.de](http://www.mesamed.de)

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The illustrations within this brochure show some optional features. All informations represent the technical product status at date of printing. Changes due to technical advancement are subject to modification of amendment (Rev. A01-2009).

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