



# MIR Oxi<sup>®</sup>

The first pocket Oximetry Lab

Unique in the world!

### Connectivity

- USB
- RS232
- Bluetooth<sup>®</sup>
- Acoustic coupling



Remote diagnosis via web also with Bluetooth<sup>®</sup> connection



PC software included



Quality Oximetry



Telemedicine option



All parameters calculated are shown directly on the display

MIR Oxi<sup>®</sup> surpasses the limits of all conventional instruments which can only record SpO2 and Pulse Rate

Its extensive and innovative integrated functions make it the most unique oximeter on the market!



FDA

ATS-ERS

ISO

ISO

0476

Approved

Standards

9001-2000

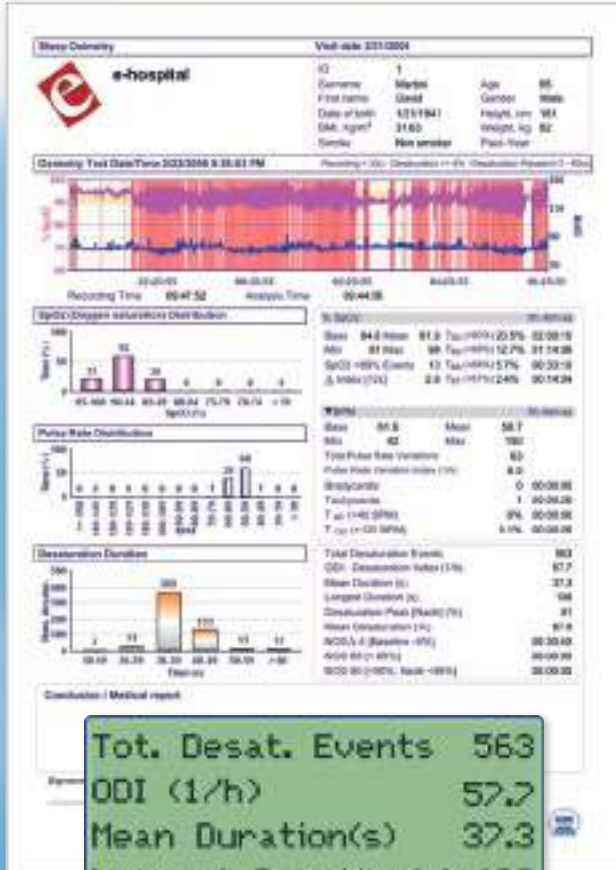
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### 4 application modes available

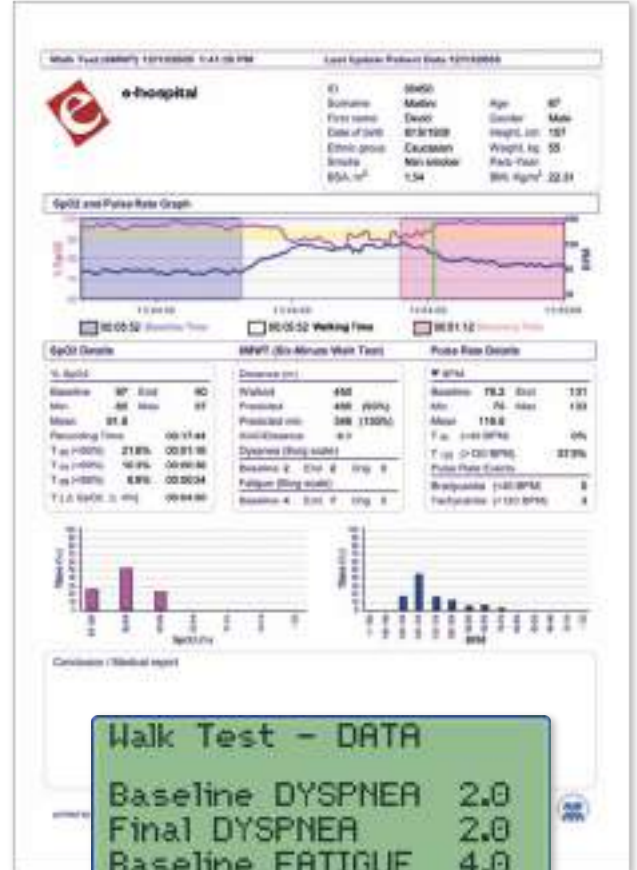
- Sleep oximetry with desaturation analysis
- 6 Minute Walk Test (6MWT)
- Short and long term SpO2/BPM recording
- Real time test on PC

Sleep oximetry printout with desaturation analysis



Parameters of sleep desaturation

Three phase printout of 6 Minute Walk Test: Baseline, Walk, Recovery



"Extra-oximetry" data for 6 Minute Walk Test



Real time test on PC via USB



All results are shown directly on the display

	SpO2	BPM
Baseline	96.9	80.7
Min	95	64
Max	98	96
Mean	96.9	78.7

# MIR Oxi<sup>®</sup>

The first pocket  
Oximetry Lab



World's first  
All in one!

The **MIR Oxi<sup>®</sup>** establishes the new international standard in oximetry

- Up to 1,000 hours of recording (2 or 4 seconds intervals)
- Direct printer connection via Bluetooth<sup>®</sup>
- Test data can be archived and then recalled using patient name
- Graphic display with user friendly icons and messages to facilitate use
- Internal memory, with back-up of measured values, for up to 10 years even in absence of batteries



## Stand alone mode

**MIR Oxi<sup>®</sup>** calculates all major parameters recommended in peer reviewed literature and all principal "specific" statistical indexes by typology of test (ie: min, max, mean SpO2 and Pulse Rate, Delta Index, T90%, T89%, T88%, T87%, ODI, NOD, etc.).

All parameters are shown on the display without the need to connect to a PC

Possibility to insert "extra-oximetry" data (ie: dyspnea, fatigue, distance) for automatic calculation of special diagnostic indexes such as the AUC/Distance (Area Under the Curve/Walked Distance) which are very useful to compare two different walk tests carried out by the same patient

## PC software

Possibility to modify the registered data (start/end walk test phase, ignore artefacts, etc.)

One of the most distinctive elements of the **MIR Oxi<sup>®</sup>** is the "specialized and detailed", report printout in color which is easy to read and facilitates the diagnostic interpretation



Adult reusable  
finger probe

Pediatric  
reusable finger probe  
(option)

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## Device technical specifications

Display: STN Graphic, 128 × 64 pixels  
Keyboard: Membrane, 6 keys  
Connectivity and data transmission: USB, RS232, Bluetooth®, acoustic coupling  
Power Supply: 4 × 1.5 V, AAA battery  
Dimensions: 4.2×2.4×1.0 inch (106×62×26 mm)  
Weight: 5.6 Oz (160 gram) battery included  
SpO<sub>2</sub> range: 0-99%  
SpO<sub>2</sub> resolution: 1%  
SpO<sub>2</sub> accuracy: ± 2% (70-100% SpO<sub>2</sub>)  
Heart Rate range: 30-254 BPM  
Heart Rate resolution: 1 BPM  
Heart Rate accuracy: ± 2 BPM or 2%, whichever is greater



## Measured parameters

**Basic parameters:** SpO<sub>2</sub> (Baseline, Min, Max, Mean), Pulse rate [Baseline, Min, Max, Mean], T90 [SpO<sub>2</sub><90%], T89 [SpO<sub>2</sub><89%], T88[SpO<sub>2</sub><88%], T87[SpO<sub>2</sub><87%], SpO<sub>2</sub> Events, Pulse Rate Events [Bradycardia, Tachycardia], Δ Index [12s]

**6 Minute Walk Test Specific Parameters:** TΔ2 [SpO<sub>2</sub>≥2%], TΔ4 [ΔSpO<sub>2</sub>≥4%], Recording time, Time [Rest, Walking, Recovery], Walked Distance, Predicted Distance [Min, Standard], AUC/Distance, Borg Dyspnea [Baseline, End, Change], Borg Fatigue [Baseline, End, Change]

**Sleep Test Specific Analysis:** Total Desaturation Events, Desaturation Index (ODI), Desaturation [Mean Value, Mean Duration, Longest Duration, Nadir Peak], ΔSpO<sub>2</sub> [Min Drop, Max Drop], Total Pulse Variations, Pulse Rate Index, NOD 4 [SpO<sub>2</sub> Baseline-4%; >5 minutes], NOD 89 [SpO<sub>2</sub><89%; >5 minutes], NOD 90 [SpO<sub>2</sub><90%; Nadir <86%; >5 minutes]

## Standard equipment

- Device
- USB cable
- Carrying case
- User manual
- Adult reusable SpO<sub>2</sub> probe
- 4 AAA Alkaline batteries
- Belt and holder
- **winspiroPRO** PC software

## Available options

- PC Software **winspiroPRO NET** (network)
- Adult reusable SpO<sub>2</sub> finger probe
- Adult disposable SpO<sub>2</sub> finger probe
- Pediatric reusable SpO<sub>2</sub> finger probe
- Infant disposable SpO<sub>2</sub> probe
- Neonatal disposable SpO<sub>2</sub> probe
- Ear clip SpO<sub>2</sub> probe
- SpO<sub>2</sub> Finger probe extension cable



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