

# VITROmap

## Digital Desktop Pulse Oximeter

SpO<sub>2</sub>  
Pulse



Made in  
Germany

### Features

- Simple and reliable measurement of SpO<sub>2</sub> and pulse rate
- Can be used on patients ranging from neonate to adult
- Coloured, numerical display with pulse bar and perfusion index
- Adjustable alarm limits, visible and audible alarm indication
- Saturation dependent pulse tone with adjustable volume
- 50 hours of memory, for up to 5 patients
- Infrared interface for thermal printer
- Works on integrated rechargeable battery or directly on mains

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medizinische Diagnosegeräte GmbH

# VITROmap

## Digital Desktop Pulse Oximeter



The VITROmap is a budget-priced pulse oximeter that works up to 12 hours on the integrated, rechargeable battery or directly from a mains connection. This cost-effective, versatile pulse oximeter delivers fast, reliable SpO<sub>2</sub>, pulse rate and pulse strength measurements, complete with plethysmographic waveform, pulse bar, and perfusion index. The values are displayed in blue (SpO<sub>2</sub>) and green (pulse) colour.

The alarm system for saturation and pulse rate makes it easy to monitor a patient. The alarm volume is high enough to be heard even at a larger distance to the instrument. Furthermore, the unit features a memory of more than 50 hours.

## Applications

- Anesthesia Monitoring
- Cost Effective Patient Monitoring



Medlab medizinische Diagnosegeräte GmbH  
Helmholtzstrasse 1a, 76297 Stutensee, Germany  
Tel. +49 (0) 7244 74110-0, FAX +49 (0) 7244 74110-28  
sales@medlab.eu, www.medlab.eu

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## Technical Data

### Pulse Oximeter:

*SpO<sub>2</sub>*  
Measuring Range: 0 ... 100 % SpO<sub>2</sub>  
Display Range: 0 ... 99 % SpO<sub>2</sub>  
Averaging: low, normal or strong  
Accuracy: standard +/- 2 %  
movement artefacts +/- 3 %  
low perfusion +/- 3 %  
(70-100 %, not specified below 70 %)

*Pulse Rate*  
Measuring Range: 20 ... 250 min<sup>-1</sup>  
Accuracy: +/- 3 min<sup>-1</sup>

### Device:

Mains: 230 V, 50/60 Hz, Wall plug adapter  
Battery: NiMH, approx. 12 hours operation  
Power Consumption: 0,8 W  
Display: TFT Display  
Interface: Infrared interface  
Alarm Limits: Adjustable, for SpO<sub>2</sub> and pulse rate  
Alarms: Audible and visible  
Dimensions: 144 mm x 144 mm x 95 mm  
Weight: 650 g  
Housing: ABS  
Power Supply: Wall plug adapter with medical certification

### Accessories:

00110 Printer with infrared interface  
All Medlab PEARL SpO<sub>2</sub> probes  
(see separate brochure)

### Delivery:

Device VITROmap (00840)  
Wall adapter 230 volts  
Operating instructions  
Fingerclip probe, reusable