

# VITROmap

## Digital Desktop Pulse Oximeter

SpO<sub>2</sub>  
Pulse



### Features

- Simple and reliable measurement of SpO<sub>2</sub> and pulse rate
- Can be used on patients ranging from infant to adult
- Two-coloured, numerical display with pulse bar
- Adjustable alarm limits, visible and audible alarm indication
- Saturation dependent pulse tone with adjustable volume
- 26h of memory, for up to 9 patients
- Infrared interface for thermal printer and PC
- Works on integrated rechargeable battery or with mains adapter
- Can be used in the central monitoring POXnet system

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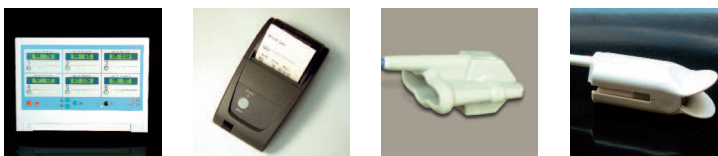


The VITROmap is a budget-priced pulse oximeter that works up to 9 hours on the integrated, rechargeable battery or directly from a mains connection. This cost-effective, versatile pulse oximeter delivers fast, reliable SpO<sub>2</sub>, pulse rate and pulse strength measurements, complete with a pulse bar graph display. 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 also in a larger distance to the instrument. Furthermore, the unit features a memory of 26h and can be connected to the POXnet central monitoring system.

## Applications

- Anesthesia Monitoring
- Cost Effective Patient Monitoring



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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>
Accuracy:	adults +/-2% (70-100%) infants +/- 3% (70-100%) (Not specified below 70%)
Averaging:	4, 8 or 16 pulse beats
Pulse Rate:	
Measuring Range:	30..250 min <sup>-1</sup>
Accuracy:	+/- 1%

### Device:

Mains:	230V, 50/60Hz, Wall plug adapter
Battery:	NiMH, approx. 9 hours operation
Power Consumption:	0,8 W
Display:	LED Displays, two-coloured
Interface:	Infrared interface
Alarm Limits:	Adjustable
Alarms:	Audible and visible alarms
Dimensions:	144 mm x 144 mm x 95 mm
Weight:	650 g
Housing:	ABS
Power Supply:	Wal I plug adapter with medical certification

### Accessories:

01941 Adapter for POXnet

All Medlab PEARL SpO<sub>2</sub> probes  
(see separate brochure)

### Delivery:

Device VITROmap (00840)  
Wall adapter 230 volts  
Operating instructions  
Patient cable SpO<sub>2</sub> (150cm)  
Fingerclip probe, reusable

Veterinarian version:  
Device VITROmapSV (00850)  
Wall adapter 230 volts  
Operating instructions  
Patient cable SpO<sub>2</sub> (150cm)  
Vet tongue probe, reusable