

VITROmap

Digital Desktop Pulse Oximeter

SpO₂
Pulse



Made in
Germany

Features

- Simple and reliable measurement of SpO₂ 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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Digital Desktop Pulse Oximeter

Technical Data



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 SpO₂, pulse rate and pulse strength measurements, complete with plethysmographic waveform, pulse bar, and perfusion index. The values are displayed in blue (SpO₂) 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 1, 76297 Stutensee, Germany
Tel. +49 (0) 7244 74110-0, FAX +49 (0) 7244 74110-28
sales@medlab.eu, www.medlab.eu

Pulse Oximeter:

<i>SpO₂</i>	
Measuring Range:	0 ... 100 % SpO ₂
Display Range:	0 ... 99 % SpO ₂
Averaging:	low, normal or strong
Accuracy:	standard +/- 2 %
	movement artefacts +/- 3 %
	low perfusion +/- 3 %
	(70-100 %, not specified below 70 %)

Pulse Rate

Measuring Range:	30 ... 250 min ⁻¹
Accuracy:	+/- 3 min ⁻¹

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 ₂ 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 ₂ probes (see separate brochure)	

Delivery:

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

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