

VITROmap

Digital Desktop Pulse Oximeter

SpO₂
Pulse



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

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 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



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Technical Data

Pulse Oximeter:

SpO₂
Measuring Range: 0 ... 100 % SpO₂
Display Range: 0 ... 99 % SpO₂
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 SpO₂ 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 SpO₂ probes
(see separate brochure)

Delivery:

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