

P-OX100

P-OX100L

Digital Desktop Pulse Oximeter with ECG (Option)

SpO₂
Pulse
ECG Curve
(P-OX100)



Features

- Compact, portable, attractive design
- Crisp, easily readable TFT colour display
- Reliably measures SpO₂, pulse rate, and pulse strength
- Integrated 100 h trend memory
- Integrated context sensitive help system
- Intuitive, multi-language user interface
- Digital pulse oximeter with one channel ECG (P-OX100)
- Digital pulse oximeter only (P-OX100L)
- Works on mains and from integrated battery
- Full alarm system with adjustable alarm limits

medlab
medizinische Diagnosegeräte GmbH

P-OX100(L)

Digital Desktop Pulse Oximeter
with ECG (Option)



The P-OX100L is a modern, competitively priced monitoring system. It is a versatile pulse oximeter that delivers quick and accurate measurements of the arterial oxygen saturation and pulse rate. The P-OX100L features an extremely well readable, crisp TFT colour LCD screen. The SpO₂ values and pulse rate can also be displayed as trend curves. The integrated trend memory stores more than 100 h of patient trend data, an integrated alarm system allows for safe patient monitoring. The P-OX100L has a serial interface that allows the values to be transmitted to and saved on a PC. Also available is a version that additionally contains a one channel ECG (P-OX100).

Applications

- Anesthesia monitoring
- Monitoring of sedated patients
- Competitively priced patient monitoring



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Technical Data

Pulse Oximeter:

SpO ₂	
Measuring range:	0 ... 100% SpO ₂
Display range:	0 ... 99% SpO ₂
Accuracy:	adults +/- 2% (70-100%) children +/- 3% (70-100%) (not specified below 70%)
Pulse rate	
Measuring range:	30 ... 250 min ⁻¹
Accuracy:	+/- 1%
ECG (only P-OX100)	
Channels:	1 channel, 3 lead cable
Amplification:	0.5, 1, 2 cm/mV

Device:

Mains:	115/230 V, 50/60 Hz
Battery:	NiMH, approx. 6 h operation
Power consumption:	1,4 W
Display:	TFT LCD with white backlight
Curve speed:	12 or 25 mm/sec
Other:	Integrated realtime clock Trend memory, 100 h
Interface:	Infrared serial interface
Alarm system:	Adjustable alarm limits
Alarms:	Audible and visible alarms
Dimensions:	230 mm x 200 mm x 80 mm
Weight:	1.650 g
Housing:	ABS

Accessories:

00138	Fixation for infusion pole
08060	Adapter for analog output
00135	Transmission cable for PC
01960	Adapter for nurse call systems
01950	Adapter for POXnet systems
00801	Carrying bag
00110	Printer

All Medlab PEARL SpO₂ probes
(see probe brochure)

Delivery:

Device P-OX100 (00800)
Mains cable
Operating manual
ECG cable
One package of ECG electrodes
Patient cable SpO₂ (150 cm)
Fingerclip probe P-100, reusable

Device P-OX100L (00810)
Mains cable
Operating manual
Patient cable SpO₂ (150 cm)
Fingerclip probe P-100, reusable