

# P-OX100 P-OX100L

## Digital Desktop Pulse Oximeter with ECG (Option)

SpO<sub>2</sub>  
Pulse  
ECG Curve  
(P-OX100)



Made in  
Germany

### Features

- Compact, portable, attractive design
- Crisp, easily readable TFT colour display
- Reliably measures SpO<sub>2</sub>, 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

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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 SpO<sub>2</sub> 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<sub>2</sub>  
Measuring range: 0 ... 100% SpO<sub>2</sub>  
Display range: 0 ... 99% SpO<sub>2</sub>  
Accuracy: adults +/- 2% (70-100%)  
children +/- 3% (70-100%)  
(not specified below 70%)

Pulse rate  
Measuring range: 30 ... 250 min<sup>-1</sup>  
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  
00142 Fixation for anesthesia rail  
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 SpO<sub>2</sub> probes  
(see probe brochure)

### Delivery:

Device P-OX100 (00800)  
Mains cable  
Operating manual  
ECG cable  
One package of ECG electrodes  
Patient cable SpO<sub>2</sub> (120 cm)  
Fingerclip probe P-200, reusable

Device P-OX100L (00810)  
Mains cable  
Operating manual  
Patient cable SpO<sub>2</sub> (120 cm)  
Fingerclip probe P-200, reusable