# P-OX100
# P-OX100L

## Digital Desktop Pulse Oximeter with ECG (Option)

$SpO_2$
Pulse
ECG Curve
(P-OX100)



Made in Germany
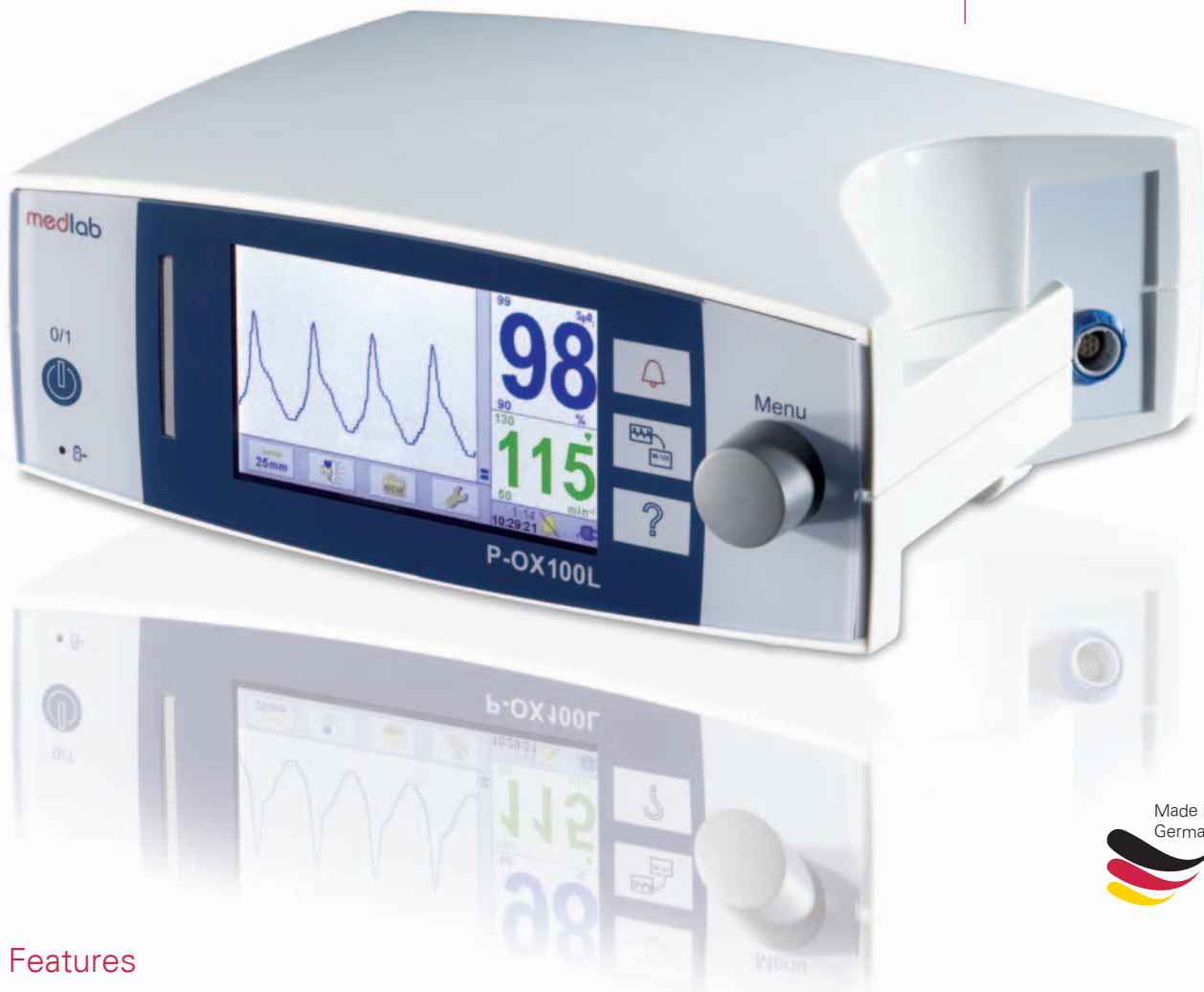
## Features

- Compact, portable, attractive design
- Crisp, easily readable TFT colour display
- Reliably measures $SpO_2$, 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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# 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 $SpO_2$ 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: | +/- 3 min$^{-1}$ |
| | |
| 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 $SpO_2$ probes
(see probe brochure)

### Delivery:

Device P-OX100 (00800)
Mains cable
Operating manual
ECG cable
One package of ECG electrodes
Patient cable $SpO_2$ (120 cm)
Fingerclip probe P-200, reusable

Device P-OX100L (00810)
Mains cable
Operating manual
Patient cable $SpO_2$ (120 cm)
Fingerclip probe P-200, reusable