

POXnet

Telemetry System for Pulse Oximeters

SpO₂
Pulse



Made in
Germany

Features

- Central monitoring for up to six patients
- Simple installation because of wireless connection
- Display of SpO₂- and pulse values
- Visible and audible alarms at the central unit
- Alarm limits can be adjusted on the central unit
- Connects up to six pulse oximeters
- DECT technology, for highest transmission range
- Affordable and easy to operate

medlab
medizinische Diagnosegeräte GmbH

POXnet

Telemetry System for Pulse Oximeters



POXnet connects Medlab's pulse oximeters to a central base station through a wireless link. The central monitor displays up to six patients' pulse rates and oxygen saturations. An added benefit is that the slimline device can be wall-mounted, saving valuable space in medical environments. The system uses the DECT standard for transmission, which is accepted in more than 100 countries worldwide.

The typical maximum distance between transmitter and central main unit is 50-100 m in buildings. Because of the digital error detection and correction technology and the coded transmission, disturbances by mobile phones or WLAN networks are highly unlikely.

Applications

- Recovery Rooms
- Nurses' Room
- Nursing Homes



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Technical Data

Communication:

Technology: DECT
 (Digital Encoded Cordless Telephone)
 Frequency Range: 1880 -1900 MHz
 Coding: Channel coding with error detection
 Receiver channels: 1-6 patients

Suitable Medlab Pulse Oximeters:
 PEARL100, PEARL100L, P-OX100, P-OX100L, VITROmap

Central Unit:

Mains: 230 V, 50/60 Hz
 Radiated Power: 250 mW maximum
 Display: LCD with backlight
 Interface: RS232 Interface
 Alarm Limits: Adjustable
 Alarms: Audible and visible
 Dimensions: 340 mm x 240 mm x 40 mm
 Weight: 1.200 g
 Housing: ABS

Transmitter:

Radiated Power: 250 mW maximum
 Dimensions: 50 x 40 x 20 mm
 Weight: approx. 50 g
 Fixation: On the backside of the oximeters
 Transmission: SpO₂ and pulse, once per second

Accessories:

01941 Transmitter for POXnet

Delivery:

POXnet Starter Kit 2 (01900)
 Central Unit
 Power supply for central unit
 Two transmitters
 Operating instructions

POXnet Starter Kit 4 (01910)
 Central Unit
 Power supply for central unit
 Four transmitters
 Operating instructions

POXnet Starter Kit 6 (01920)
 Central Unit
 Power supply for central unit
 Six transmitters
 Operating instructions