

Optical O₂ Sensor Solution (OEM)

Pico-O₂

O₂



- OEM device for optical oxygen sensors (also available for pH and temperature)
- Compact dimension
- Very low power consumption
- Precision temperature compensation
- UART interface (Modbus analog output module optional)
- Fiber-based and contactless oxygen sensor heads

Specifications Device

Dimensions PICO-O ₂	Ø17 mm, 59 mm in length
Weight	ca. 20 g
Optical sensor port	for optical O ₂ sensors/fibers with PICO-connector
Temperature port	Pt100 temperature sensor (solder points)
Max. sampling rate	ca. 10 samples per second
Power supply	Min. 3.3V DC, max. 5.0V DC
Logging software (optional)	Pyro Workbench or Pyro Developer Tool with USB adapter cable
Digital Interface	UART (3.0V levels, 5V tolerant)
Temperature	0-50°C
Max. rel. humidity	Non-condensing conditions

Variety of Oxygen Sensors



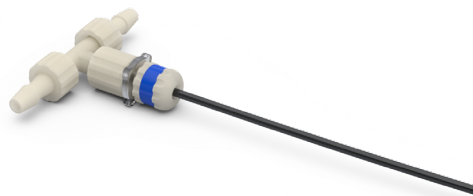
Robust Probes
1m cable



Sensor Spots
self-adhesive, sterilized



Nanoprobes
dispersible



Flow-through Cells
sterilized, with 1m cable