



Microx TX3 & Microx TX3-trace

Single-channel oxygen transmitters
Temperature compensated system

- For use with oxygen microsensors
- One calibration for a multitude of sensor spots
- Software included

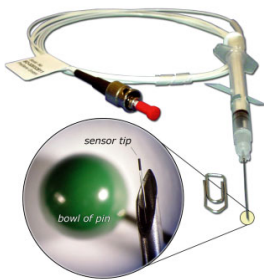
The Microx TX3 and Microx TX3-trace are precise single-channel, temperature compensated oxygen meters. They are used with oxygen microsensors based on a $140\ \mu\text{m}$ optical fiber. A PC is connected to run the easy-to-use software. On top, analogue outputs and a trigger input are integrated. Microx TX3 is used for microsensors type PSt1 (detection limit 20 ppb, 0 – 50 % oxygen). Microx TX3-trace additionally works with the trace oxygen microsensor type TOS7 (detection limit 1 ppb, 0 – 3 % oxygen).



Single-Channel Oxygen Transmitter

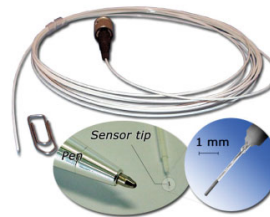
Specifications	Microx TX3	Microx TX3-trace
Oxygen sensors	PSt1 (optical ST connector)	PSt1 and TOS7 (optical ST connector)
Temperature sensor	1 x PT1000 temperature connector (sensor included)	
Temperature performance	0 – 50 °C, resolution: ± 0.1 °C, accuracy ± 1.0 °C	
Power supply	18 VDC/5 W (110 – 240 VAC, 50/60 Hz, adapter included)	
Temperature: operating/storage	0 °C to 50 °C/-10 °C to 60 °C	
Relative humidity	up to 80 % (non condensing)	
Dimensions, weight	210 mm x 120 mm x 50 mm, 0.65 kg	
Digital interface	RS 232 interface (with RJ connector to serial port, cable included)	
External trigger	TTL compatible with galvanic isolation (BNC connector)	
Analogue output specifications	Dual outputs, 0 – 4095 mV, resolution: 12 bit, accuracy ± 10 mV (BNC connectors)	
	1 mV represents	
	Oxygen	0.1 % air saturation
	Temperature	0.1 °C
	Phase	0.025°
Software OxyView (included)	Windows 98, 2000, XP, Vista	

Sensors & Accessories



Needle-type oxygen microsensors

Needle-type oxygen microsensors offer the oxygen microsensor in a robust housing.



Implantable microsensors

Implantable microsensors offer the probe without any additional housing.



Battery cable

Accessories like battery cables for use in the field are available.



LP-1 – LCD Control Panel

The LP-1 control panel is a device for controlling PreSens single-channel oxygen transmitters without the need to connect them to a PC.

A wide variety of sensors is offered.
If your housing is missing, please contact us!

Technical data can change without prior notice.

Bring to light what's inside. Ask our experts:

PreSens Precision Sensing GmbH
Josef-Engert-Str. 11
93053 Regensburg, Germany

Phone +49 941 94272100
Fax +49 941 94272111
info@PreSens.de

 www.PreSens.de