

# Microx TX3 & Microx TX3 trace

# O<sub>2</sub>

## Micro fiber optic oxygen transmitters Temperature compensated system

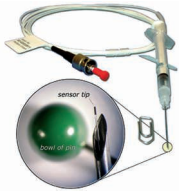
- For use with oxygen microsensors
- Analogue in- and outputs
- Software included

The Microx TX3 and Microx TX3 trace are precise micro fiber optic oxygen transmitters. They are temperature compensated and 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).



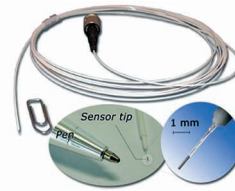
	Microx TX 3	Microx TX 3 trace
<b>Specifications</b>		
Oxygen sensors	PSt1 (optical ST connector)	PSt1 and TOS? (optical ST connector)
Temperature sensor	1 x PT 1000 temperature connector (sensor included)	
Temperature performance	0 – 50 °C, resolution: ± 0.1 °C, accuracy ± 1.0 °C	
Power supply	18 VDC / 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	RS232 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)	
		10 mV represent
	Oxygen	1 % air saturation
	Temperature	1 °C
	Phase	0.25 °

## Sensors & Accessories



### Needle-Type Oxygen Microsensors

This oxygen microsensor is protected by its robust housing.



### Implantable Oxygen Microsensors

This oxygen microsensor offers the probe without any additional housing.



### Battery Cable

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



### LP-1 Control Panel

The control panel is a device for controlling single-channel oxygen transmitters.

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:

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