

TecPen Weld O₂

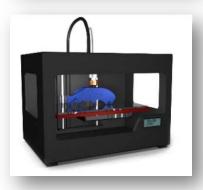
Optochemical O2 sensor system for gaseous media

- Optochemical O₂ sensor system for gaseous media
- Monitoring of oxygen concentration in forming gases
- Ensuring the highest quality welding seams by avoiding oxidation
- High flexibility due to handy design
- Easy to use due to factory calibration and built-in display
- Immediate operational readiness, without warm-up time
- High measuring accuracy
- Integrated memory & data transfer via USB
- Replaceable particulate filter









Advantages for the user are the low weight, the immediate availability for measurements, simple handling and the application-related storage of the data, which are thus digitally available for quality assurance.

The advantage for companies is a comprehensive and documented QC, which prevents or reduces product defects and complaints.

Application

- Shielding gas control for highquality welding applications
- Robust in soldering and welding machines
- 3D pressure under exclusion of oxygen

TS-System Measurement range O-2000ppm Range O-500 ppm S00-1000 ppm 1000-2000ppm Response time at 25°C/77°F A15s Pump flow max. 400mL/min A10°C/+60°C A14°F/140°F Addium Addi	Technical Specification			
Range 0-500 ppm	TS-System	TecPen Weld O2		
Content Cont	Measurement range	0-2000ppm		
Resolution Response time at 25°C/77°F Response time at 25°C/77°F Response time at 25°C/77°F Remp. range Min./Max Temp. range Min./Max Life time of sensor spot (protective atmosphere under welding conditions; 0-60°C; with proper gas filtering) Power supply Power supply Rechargeable battery lifetime Data Interface USB and Bluetooth 4.0 Temperature compensation Temperature compensation Display Cleaning housing No organic solvents, 40% EtOH Parts touching sample Case Aluminium anodized Protection Protection Protection Parts verofitting) Sensor cap replacement interval Recommended adjustment by customer 50.100 ppm 124 Mov* 10°C/+60°C 14°F/140°F 14°F/140°F 124 months 24 months 24 months 24 months 24 months 24 months 25 USB and Bluetooth 4.0 USB and Bluetooth 4.0 USB and Bluetooth 4.0 Solvents, 40% EtOH St. 1.4404 / PTFE / glass aluminium anodized Protection Pr		Range	Accuracy	
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	Sensor cap replacement interval	2 ye	ars	
Warranty 1 Year ex works	Recommended adjustment by customer	6 moi	6 months	
=	Warranty	1 Year ex	1 Year ex works	

^{**}Mev = measured end value

Scope of delivery

- TecPen Weld
- 1 USB-Cable
- 1 USB-Stick
 - o Declaration of conformity
 - o User Guide
- 1 Hose
- 1 lance
- 2 Particle filters
- 1 Hose adapter





^{*}Mv = measured value