

TecSGA Fluid O₂

DO Analyzer 0-500ppb



- Optochemical O₂ sensor system for fluid media
- Monitoring of oxygen concentration in fluids
- Ensuring the highest joining quality by avoiding oxidation
- High flexibility due to compact design
- Immediate operational readiness, without warm-up time
- High measuring accuracy
- Easy to use due to factory calibration and built-in display
- Powered via USB and by rechargeable battery

SGA Fluid is a hand-held sensor system for determining the dissolved oxygen content in beverages such as beer, wine or soft drinks. It is attached directly to a sample outlet and rinsed with the beverage.

The oxygen content is measured; the measurement data are displayed and logged via USB.



Technical Specifications		
TS-System	SGA Fluid	
Measurement range	0 – 500 ppb or 0-0.5 mg/L	
	Range	Accuracy
	0-200 ppb	± 2% Mev*
	200-500 ppb	values indicative
Resolution	1ppb or 0,001 mg/L	
Max. Pressure	5 bar	
Response time at 25°C/ 77°F	<10s	
Temp. range Min./Max	-5°C/ +20°C	
	23°F/68°F	
Medium	Fluids	
Power supply	5V USB and LiPo Akku	
Rechargeable battery lifetime	> 3h per charge	
Data Interface	USB	
Temperature compensation	4-20°C	
	39-68°F	
Display	OLED Display	
Cleaning housing	No organic solvents, 40% EtOH	
Cleaning sample line	Water, 40% EtOH, Mild detergents, no organic solvents	
Case	aluminium anodized	
Protection	IP 54	
Warranty	1 Year ex works Grambach	

**Mev = measured end value

Scope of delivery

- SGA Fluid incl. case
- 2x 50cm hose 6mm
- 1x 30cm outlet hose
- USB Cable
- USB Stick with
 - Declaration of conformity
 - User Guide
- Pressure reduction valve

