

# TecSGA Fluid O<sub>2</sub>

## DO Analyzer 0-500ppb

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

