

# OxyGold B



The OxyGold B is an electrochemical oxygen sensor especially designed for applications which contain carbon dioxide like the production of beer, sparkling wine or soft drinks. The sensor is not affected by acidic gases.

Apart from the production of sparkling beverages, the OxyGold B can be used in all production processes where CO<sub>2</sub> might be an issue for electrochemical sensors.



“Did you know...  
that the OxyGold B is the only  
sensor in the market with a  
polarization voltage of 0 mV?”

Benefits

- ▶ No cross-sensitivity with CO<sub>2</sub>
- ▶ Only very little flow required
- ▶ Pressure and CIP resistant
- ▶ Replacing the cathode is possible and very simple to perform.

Typical applications

- ▶ CO<sub>2</sub> recovery
- ▶ Water de-aeration

Specifications

Measuring range	8 ppb to 40 ppm (DO)
Response time t <sub>98%</sub>	< 60 s at 25 °C, from air to nitrogen
Process temperature	0 to 100 °C
Pressure range (relative to ambient)	0 to 12 bar
Hygienic aspects	CIP
Electrolyte	Oxylite B
Surface Quality	R <sub>a</sub> < 0.4 µm (N5)
Current in air at 25°C	180 to 500 nA
Material	Stainless steel 1.4435
Polarization voltage	0 mV
O-ring	EPDM

For more specifications see [www.hamiltoncompany.com](http://www.hamiltoncompany.com)

Ordering Information



	a-length	VP 6	Arc
OxyGold B	120	237180	not available anymore*
	225	237185	

\*See VisiTrace sensor, page 92

Accessories



- OxyGold Membrane Kit Ref 237135
- Oxylite B 30 mL Ref 237138
- Polarization Module B Ref 237360
- Replacement Cathode OxyGold B Ref 237437

Cables see page 112  
Housings see page 127

