

Fermentation Bioreactor Sensors

Bioreactor Dissolved Oxygen Sensors for Standard 25 mm Ports

MS DO 3623

The dissolved oxygen sensor offers the most rugged design for 25 mm side ports. It fits directly into the vessel, eliminating the need for a housing, reducing contamination risks. The modular design allows quick replacement of any part, making it easy to maintain and repair the sensor.



FEATURE

- 316L Stainless Steel
- Serialized for traceability
- RA32 Finish with Electropolish on wetted parts
- Internal and External Silicone O-rings
- Secured retainer ring

PERFORMANCE SPECIFICATION

Measurement principal	: Amperometric – Polarographic
Output	: 25 ... 50nA
Output signal in air	: Approx. 67 nA at 25°C
Temperature range	: Operation: 0 to 80°C
	Sterilization: Max. 135°C
Stability	: Better than 2% of readout per week at constant pressure and temp (30°C)
Maximum Pressure	: 4 bar (atm), 58 psig
Oper Temperature Range	: 0 to 80°C
Shaft material	: 316SS
Shaft diameter	: 25 mm
Cable/Connector	: 4-pin