

MODEL 802 OSCILLATING DISSOLVED OXYGEN SENSOR Specification

Measurement Range.....	0 mg/L to 20 mg/L
Minimum Temperature.....	0 °C (32 °F)
Maximum Temperature.....	80 °C (176 °F)
Maximum Pressure.....	621 kPa (90 psi)
Principle of Operation.....	Galvanic
Electrode Materials	
Cathode.....	Gold
Anode.....	Lead
Wetted Materials.....	CPVC, PTFE
Temperature Sensor.....	1000 Ω PT RTD
Minimum Flow Velocity.....	15 cm/s (0.5 ft/s)
Electrode Dimensions	
Diameter.....	3.3 cm (1.3 in)
Length.....	61 cm (24 in)
Process Connections.....	Pigtail for chain mounting suspension
Sensor Cable.....	4 conductor; 3 m (10 ft) in length
Weight.....	0.9 kg (2.0 lb)
Shipping Weight.....	1.8 kg (4.0 lb)
Shipping Dimensions.....	81 cm × 15 cm × 15 cm (32 in × 6 in × 6 in)