



## Clark Membrane Dissolved Oxygen Sensor, 4.5m Cable

Product #:

5540D0A

### **OBSOLETE ITEM**

This item is no longer available.

Noryl and 316 Stainless Steel Body, 4.5m Analog Cable, Three-Electrode Polarographic Clark Cell Technology

### **Replaceable Membrane Cartridge**

Model 5500-series dissolved oxygen oxygen sensors feature a replaceable cartridge, simplifying the delicate and time-consuming task of installing a new membrane. Each cartridge assembly includes a pre-installed, semi-permeable membrane, electrolyte, and electrodes.

### **Rugged, Foul-Resistant Membrane**

An extremely durable 50 micron thick hydrophobic membrane ensures that the D.O. sensor resists fouling and withstands the harsh environments found in wastewater treatment plants.

### **Complete Encapsulation**

Fully-encapsulated construction protects the sensor's built-in electronics from moisture and humidity problems, extending the working life of the sensor.

### **Versatile Mounting Styles**

The handrail and flotation unique stainless steel swivel/pivot/pipe clamp assembly, enabling easy sensor positioning and removal from the process. The flotation hardware has a ball float assembly that continually bobs up and down to gently scrub the sensor membrane. The submersion hardware enables submerging the sensor to a desired depth in the basin.

---

## Specifications

Cable Length:	15
Connector:	Metal M.S. plug
Flow:	> 0.5 cm/s
Material:	Cathode: Gold
Measuring Principle:	Three-electrode polarographic Clark cell technology
Measuring range:	0.0 - 40.00 ppm
Membrane Thickness:	2 mm
Mounting:	Submersion
Operating temperature range:	0 - 50 °C
Pressure Range:	max. 10 bar
Repeatability:	± 0.5 % of span
Response Time T90:	130 s at 20°C
Sensitivity:	± 0.05 % of span
Temperature Sensor :	NTC 30 kΩ thermistor
Warranty:	12 months
What's included?:	Includes: sensor with cartridge and manual

---

## What's included?

Includes: sensor with cartridge and manual