

# Dissolved Oxygen Accessories

## Dissolved Oxygen Accessories and Maintenance

The dissolved oxygen measuring system is made up of several important components and because the D.O. measurement is so critical to the process, all of them need to operate efficiently. This section outlines the accessories and maintenance items that can be used to optimize and maintain the quality of measurement.

### Membrane Maintenance

Perhaps the most common problem seen over time with the D.O. sensor is membrane integrity. During the course of a membrane's life it may encounter difficult situations such as harsh samples, multiple sterilization cycles, or impact, all of which cause normal wear and tear on the membrane. INGOLD pioneered the design of the Teflon® and silicone membrane with a built-in steel mesh that greatly increases membrane durability, extends membrane life and can be easily and quickly replaced as required. We offer multiple membrane styles according to your application including those that have FDA positive listed components for wetted parts.

#### Membrane Kit with 4 membranes and electrolyte



#### 12 mm Membrane Cap



### Ordering Information

#### InPro 6800 and InPro 6000 Series Sensor Membranes

Description	Order Number
Membrane Kit, S-96 (silicone)	52 200 025
Membrane Kit, T-96 (Teflon)	52 200 024
Membrane Body, Single, S-96	52 200 072
Membrane Bodies, S-96, (20 pieces)	52 200 790
Membrane Body, Single, T-96	52 200 071
Membrane Bodies, T-96, (20 pieces)	52 200 791
Oxygen Electrolyte Solution, 25 ml	34 100 2016
Cap Sleeve N (no protective cage)	52 200 037
Cap Sleeve P (protective cage)	52 200 038
Membrane T-96, HAC-22, Kalrez	52 200 830
Cap Sleeve N, HAC-22	52 200 642

#### Original INGOLD 12 mm Series Sensor Membranes

Description	Order Number
Membrane Kit, 12 mm A-Type	34 100 3060
Membrane Kit, 12 mm S-Type	34 100 3041
Membrane Kit, 12 mm T-Type	34 100 3040
Membrane Module 12 mm, A-Type	34 100 2032
Membrane Module 12 mm, S-Type	34 100 2022
Membrane Module 12 mm, T-Type	34 100 2021
Membrane Module 12 mm, Titanium	34 100 2011
Membrane Modules 12 mm, A-Type, (20 pieces)	53 600 042
Membrane Modules 12 mm, S-Type, (20 pieces)	53 600 041
Membrane Modules 12 mm, T-Type, (20 pieces)	53 600 040
O-ring kit, 12 mm, Lg.	53 600 039
Oxygen Electrolyte Solution, 25 ml	34 100 2016

#### Original INGOLD 19 and 25 mm Series Sensor Membranes

Description	Order Number
Membrane Kit, 25 mm	32 202 5114
Membrane Cap, 19/25 mm DO (24 pieces)	53 600 035
Membrane Cap, O <sub>2</sub>	32 204 8617

## Dissolved Oxygen Accessories

The INGOLD product offering for dissolved oxygen accessories are intended to offer the user products which will enhance sensor performance, maintain measurement quality, and save you valuable time.

### Oxygen Zeroing Gel

for diagnostic verification of D.O. sensors



### D.O. Sensor Simulator (VP)

The D.O. Sensor Simulator is used to verify the operation of the transmitter and the cable. The D.O. Sensor Simulator simulates a sensor's response, in air or in an oxygen-free medium.



## Ordering Information

### D.O. Accessories

Description	Order Number
D.O. Sensor Simulator for T82 Cabled Transmitters	32 1082
D.O. Polarization unit for T82 Sensor Connectors	31 131 3000
D.O. Sensor Simulator for VP Cabled Transmitters	52 200 891
D.O. Sensor Master Polarization Unit for InPro 6800	52 200 892
Oxygen Zeroing Gel, 5 Pack	34 100 1032
D.O. Sensor Master Polarization Unit for InPro 6900	52 200 893
Sensor Polarization Station (4) T82	19696
Sensor Polarization Station (4) InPro 6400	53 200 025
Sensor Polarization Station (4) InPro 6800	53 710 001
Sensor Polarization Station (4) InPro 6900	53 710 002
Adapter T-82 socket – VP plug	52 200 939
Adapter VP socket – T-82 plug	52 200 940

### D.O. Sensor Simulator (T82)

for transmitters with T82 cables. Simulates an ideal D.O. sensor which can be used as a functional check of the cable and transmitter.



### D.O. Polarization Unit

for sensors with T82 Connection. Polarizes D.O. sensors so they are continuously ready for use when not in the process.



### Polarization Station for InPro 6800 with VP Connectors (PN 53 710 001)



## Continued Support

We at INGOLD understand that many customers still rely on our previous generations of D.O. sensors for their measurements and we are committed to continue to provide maintenance materials, sensor service, and technical support for all of these products. These sensors include our original INGOLD 12, 19, and 25 mm sensors as well as our InPro 6000 series sensors.

