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Zero Drift Sensors Oxygen Sensor Price List 5/16/2014



Fiber Optic Oxygen Sensors are made with a single 1000um fiber encased in a stainless steel ferrule or tube. The sensor end is angled. The other end is terminated with an SMA connector. These "F" style sensors are ideal for installation in compression fittings or for general lab use and are rated to withstand 55 bar. Probe length is 7" with outside diameters from 1/32" to 1/4"
 Includes factory calibration.

F style fibers are used with the bifurcated fiber bundle SEOX-BB-1000 or any of our longer versions.

SEOX-F116-A	O2 Fiber Probe, 1000um fiber, 1/16" OD stainless steel body 7" long, 55 bar pressure rated, with high stability AP coating	\$400.00
SEOX-F116-HCR	O2 Fiber Probe, 1000um fiber, 1/16" OD stainless steel body 7" long, 55 bar pressure rated, with hydrocarbon resistant HCR coating	\$400.00
SEOX-F125-A	O2 Fiber Probe, 1000um fiber, 1/8" OD stainless steel body 7" long, 55 bar pressure rated, with high stability AP coating	\$450.00
SEOX-F125-AP-CF	O2 Fiber Probe, 1000um fiber, 1/8" OD stainless steel body 7" long, 55 bar pressure rated, with high stability AP coating and compression fitting	999.00
SEOX-F125-HCR	O2 Fiber Probe, 1000um fiber, 1/8" OD stainless steel body 7" long, 55 bar pressure rated, with hydrocarbon resistant HCR coating	\$450.00
SEOX-F125-MR-CF	O2 Fiber Probe, 1000um fiber, 1/8" OD stainless steel body 7" long, 55 bar pressure rated, with high stability MR coating and compression fitting	\$1,349.00
SEOX-F132-A	O2 Fiber Probe, 500um, 1/32" OD with high stability AP coating	\$400.00
SEOX-F132-HCR	O2 Fiber Probe, 500um, 1/32" OD with HCR coating for hydrocarbons	\$400.00
SEOX-F250-A	O2 Fiber Probe, 1000um fiber, 1/4" OD stainless steel body 7" long, 55 bar pressure rated, with high stability AP coating	\$500.00
SEOX-F250-HCR	O2 Fiber Probe, 1000um fiber, 1/4" OD stainless steel body 7" long, 55 bar pressure rated, with hydrocarbon resistant HCR coating	\$500.00



Bifurcated Fiber Assemblies

The common leg has two fibers side by side that couple to the single sensor fiber with a splice bushing. One leg goes to the excitation source, the other to the fluorescence detector.

	<i>Bifurcated Assembly for F style probes – optical fibers only</i>	
SEOX-BB-1000	Bifurcated borosilicate fiber, SMA, for 1000um sensors, 1.5m long	\$200.00
	<i>Bifurcated Assemblies for T style probes with thermistors</i>	
SEOX-BBT-1000-1.5	5' (1.5 m) bifurcated borosilicate glass bundle light guide/thermistor with SMA connectors and mono plug to mono plug for 1000 micron probes.	\$257.00
SEOX-BBT-1000-6.1	20' (6 m) bifurcated borosilicate glass bundle light guide/thermistor with SMA connectors and mono plug to mono plug for 1000 micron probes.	\$367.00
SEOX-BBT-1000-15.2	50' (~15 m) POF bifurcated light guide/thermistor with SMA connectors and mono plug to mono plug for 1000 micron probes.	\$560.00
SEOX-BBT-1000-20.5	100' (~30 m) POF bifurcated light guide/thermistor with SMA connectors and mono plug to mono plug for 1000 micron probes.	\$897.00



Fiber Optic Oxygen Sensors with embedded thermistors

Dip coated fiber and thermistor style and replaceable cap style. Includes factory calibration



<i>Dip coated probes with embedded thermistor</i>		
SEOX-PT532-A	Zero drift O2/DO sensor, 5/32" OD, 1000 micron glass fiber , 7" long, SS, 55 bar pressure rating, embedded thermistor, and fibers with high stability AP chemistry	\$438.00
SEOX-PT532-HCR	HCR O2/DO sensor, 5/32" OD, 1000 micron glass fiber , 7" long, SS, 55 bar pressure rating, embedded thermistor, and fibers with hydrocarbon resistant HCR chemistry	\$438.00
SEOX-PT250-A	Zero drift O2/DO sensor, 1/4" OD, 1000 micron glass fiber , 7" long, SS, 55 bar pressure rating, embedded thermistor, and fibers with high stability AP chemistry	\$438.00
SEOX-PT250-HCR	HCR O2/DO sensor, 1/4" OD, 1000 micron glass fiber , 7" long, SS, 55 bar pressure rating, embedded thermistor, and fibers with hydrocarbon resistant HCR chemistry	\$438.00
<i>Probes with replaceable sensor caps</i>		
SEOX-PT38-A	AP Zero drift O2/DO sensor, 3/8" OD, 7" long, SS, embedded thermistor, fibers, & replaceable SEOX-PT38CAP-A cap, 55 bar pressure rating	\$695.00
SEOX-PT38-HCR	HCR hydrocarbon resistant O2/DO sensor, 3/8" OD, 7" long, SS, embedded thermistor, fibers, & replaceable SEOX-PT38CAP-HCR cap, 55 bar pressure rating	\$695.00
SEOX-PT38CAP-A	Replaceable PT38 Sensor Cap, AP chemistry	\$250.00
SEOX-PT38CAP-HCR	Replaceable PT38 Sensor Cap, HCR chemistry	\$250.00

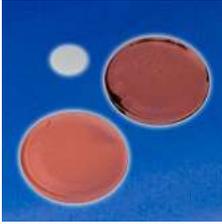


Plastic and Glass Unjacketed Fiber Sensors.

Low cost fibers, dip coated with AP chemistry or HCR chemistry (glass only) with SMA connector. Requires the bifurcated fiber bundle SEOX-BB-1000 or any of our longer versions. These sensors come un-calibrated



<i>Plastic Optical Fiber Oxygen Sensors AP chemistry</i>		
SEOX-AP-POF-1000	1000 micron plastic fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$150.00
SEOX-AP-POF-1500	1500 micron plastic fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$150.00
SEOX-AP-POF-2000	2000 micron plastic fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$150.00
SEOX-AP-POF-500	500 micron plastic fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$150.00
SEOX-AP-POF-750	750 micron plastic fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$150.00
SEOX-AP-POF-PACK	Plastic Fiber O2 sensors pack of 10, specify fiber diameter	\$1,000.00
<i>Glass Optical Fiber Oxygen Sensors AP chemistry</i>		
SEOX-AP-G-OX-1000	1000 micron glass fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$190.00
SEOX-AP-G-OX-1500	1500 micron glass fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$190.00
SEOX-AP-G-OX-2000	2000 micron glass fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$190.00
SEOX-AP-G-OX-2500	2500 micron glass fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$190.00
SEOX-AP-G-OX-3000	3000 micron glass fiber oxygen sensor/6" long with Zero Drift AP chemistry	\$190.00
SEOX-AP-G-PACK	Glass fiber O2 sensors pack of 10, specify fiber diameter	\$1,200.00
<i>Glass Optical Fiber Oxygen Sensors HCR chemistry</i>		
SEOX-HCR-G-OX-1000	1000 micron glass fiber oxygen sensor/6" long with hydrocarbon resistant HCR	\$190.00
SEOX-HCR-G-OX-1500	1500 micron glass fiber oxygen sensor/6" long with hydrocarbon resistant HCR	\$190.00
SEOX-HCR-G-OX-2000	2000 micron glass fiber oxygen sensor/6" long with hydrocarbon resistant HCR	\$190.00
SEOX-HCR-G-OX-2500	2500 micron glass fiber oxygen sensor/6" long with hydrocarbon resistant HCR	\$190.00
SEOX-HCR-G-OX-3000	3000 micron glass fiber oxygen sensor/6" long with hydrocarbon resistant HCR	\$190.00
SEOX-HCR-G-PACK	Glass fiber O2 sensors pack of 10, specify fiber size	\$1,200.00



Oxygen Sensor Patches

Oxygen sensor materials are applied to flat optically clear substrates by spin coating. These patches can be glued or clamped to the inside walls of transparent containers and read from the outside, providing a non-invasive way to measure O₂ in bottles, packaging, respirometers.

The SEOX-BB-125 is a 1/8" diameter stainless steel probe that is pointed at the backside of the sensor disc.

SEOX-PATCH-A	O2 AP thick patch, 1/4" x 1.8mm thick acrylic, 5/pack	\$100.00
SEOX-PATCH-HCR	O2 HCR thick patch, 1/4" x 1.8mm thick glass disc, 5/pack	\$200.00
SEOX-PATCH-A-F	O2 AP thin patch, 1/4" x 0.08mm thin acrylic, 5/pack	\$80.00
SEOX-PATCH-HCR-F	O2 HCR thick patch, 1/4" x 0.28mm fiber glass, 5/pack	\$130.00
<i>Fiber Optic Probe for remote measurement of patches</i>		
SEOX-BB-125	1/8" reflective bundle for measuring non-invasive patches	\$320.00

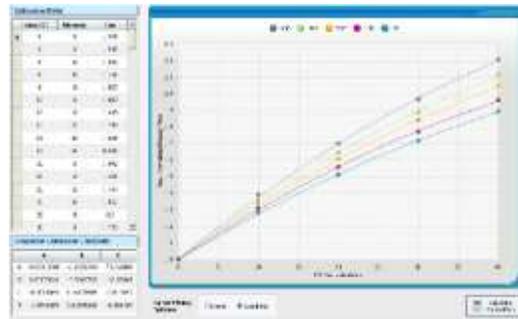


Electronics

The oxygen sensors use the *NEOFOX* time resolved fluorescence decay system to measure and interpret the sensor signal. The system can be used with or without a PC and the provided software. NEOFOX-SPORT also has a battery and display for true portability



NEOFOX-GT	NEOFOX Oxygen Phase Fluorometer with USB, RS232 and software	\$2,624.00
NEOFOX-SPORT	Handheld Field Portable Neofox Phase Fluorometer O ₂ Sensor electronics	\$3,359.00
NEOFOX-TP	NeoFox Temperature Probe	\$137.00



Calibration Services

Our standard fiber optic sensors (F and PT series) are factory calibrated for oxygen and temperature response over a standard range (0 - 25% atm O₂ and 15 - 40C). Bare plastic and glass fiber sensors and patches are not calibrated. You need a PT style probe or the NEOFOX-TP for temperature compensation.

Sensors can be returned to the factory for a standard recalibration or an extended range calibration.

Sensors can also be recoated if they are damaged.

SEOX-CAL	Sensor O ₂ and Temperature Standard Calibration	\$200.00
SEOX-CAL-EXT	Extended range temperature and pO ₂ calibration	\$250.00
SEOX-RECOAT	O ₂ Sensor Recoat with A or HCR chemistry	\$250.00

Sensor Chemistries

Our sensor materials consist of an O₂ sensitive fluorophore embedded in specific host matrix chosen for permeability to O₂, exclusion of interfering substances, resistance to chemicals and adhesion to substrates. **Zero Drift AP**, our gold standard chemistry, is immune to photo-bleaching and water vapor and is ideal for gases and all aqueous samples. It is polystyrene based. **HCR** chemistry is specifically formulated sol gel designed to withstand and work in harsh organic solvents. **MR** chemistry is also sol gel but made extra hydrophobic so that it is immune to water vapor but has faster response rates than AP chemistry. If you need help in choosing, call us!

Ordering Information

We accept purchase orders and credit card orders by phone, email or fax. info@zerodriftsensors.com 866-929-7990 fax Terms are NET 30 Days, FOB Dest. Electronics are warrantied for 3 years. Sensors are warrantied for 1 year except for damage to the sensor material.

You can also place your order online at our secure website:
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