



TriOxmatic



FDO

TriOxmatic® DO electrochemical

- SensReg function monitors electrolytic solution
- SensLeak function monitors for membrane leakage
- fouling resistant
- no break-in period or long-term drift
- digital sensors store calibrations
- 2-year warranty

FDO® DO optical

- no electrolyte, calibration, interferences, or warm-up period
- zero oxygen consumption technology eliminates the need for stirring
- resistant to bubbles bursting on the sensor with 45 degree angle
- extremely long sensor cap life; factory calibrated
- 2-year warranty

TriOxmatic® Sensor

Operating Temperature	32 to 140°F (0 to 60°C)		
Electrode Type	Electrochemical DO with reference electrode		
Range	700 IQ (700 IQ SW) 0.0 to 60.0 mg/L 0 to 600%	701 IQ 0.00 to 20.00 mg/L 0.0 to 60.0 mg/L 0.0 to 200.0% 0 to 600%	702 IQ 0 to 2000 µg/L 0.00 to 10.00 mg/L 0 to 110%
Resolution	0.1 mg/L 1%	0.01 mg/L 0.1 mg/L 0.1% 1%	0.001 mg/L 0.01 mg/L 0.1%
Response Time at 25°C	T90 = 180 seconds	T90 = 30 seconds T99 = 90 seconds	T90 = 30 seconds T99 = 110 seconds
Minimum Flow Rate	0.05 m/s (1.9 in/sec)	0.23 m/s (9 in/sec)	0.3 m/s (11.8 in/sec)

FDO® Sensor

Interferences	None	
Calibration	Factory calibrated	
Operating Temperature	23 to 122°F (-5 to 50°C)	
Electrode Type	Optical DO	
Range	0 to 20.00 mg/L 0 to 200.0%	
Resolution	0.01 mg/L 0.1%	
Response Time at 25°C	FDO 700 IQ T90 = <150 seconds T99 = <200 seconds	FDO 701 IQ T90 = <80 seconds
Minimum Flow Rate	0 - none required	