

## **FX-424 Dissolved Oxygen Analyzer**

The Foxcroft FX-424 Dissolved Oxygen Meter's unique analyzing probe is based on a patented equilibrium probe technology. This probe design requires no internal maintenance and it is not affected by process flow and fouling. The result is maintenance free, accurate and reliable Dissolved Oxygen Meter.



### **PRODUCT FEATURES**

- Equilibrium DO probe
- No replacement of electrode
- No replacement of electrolyte
- No replacement of membrane
- Unaffected by fouling
- Not flow sensitive
- Local display and keypad
- Probe diagnostics
- 0-20 ppm standard (ppb optional)
- Probe housing PVC standard
- Probe housing stainless (optional)
- Integral or remote (optional) mount
- Submersion probe available
- Auxiliary relay alarms - high and low
- Secondary auxiliary relays standard
- Corrosion resistant housing
- Remote monitor can be located up to 2000 ft. away



**FX-424  
Dissolved Oxygen Analyzer**

**SPECIFICATIONS**

**GENERAL**

Display Process Variable	0-20 ppm DO 0-200 ppb DO (optional)
Displayed Temperature Range	2.0 to 60.0°C (35.6 to 140°F)
Operating Temperature	-20°C to +60°C (-4°F to 140°F)
Local Display Resolution	0.01 ppm / 0.1 ppb
Remote Display Resolution	0.01 ppm/ ppb
Response Time	90% in 60 seconds (after probe warm-up)
Oxygen Consumption	Negligible
Maximum Flow	300 mL/min. with flow chamber: no dependence on stirring or flowrate
Maximum Pressure	PVC: 207 kPa (30 psig)
SS:	345 kPa (50 psig)
Calibration	Air and Sample
Probe Accuracy ppm:	+/- 0.2 ppm
ppb:	+/- 2 ppb or 5% of reading
Sensor Distance	25 ft. std. (optional up to 2000)
Output Type	4-20mA, 600 ohms maximum
High Alarm	Auxiliary Relays Contacts
Low Alarm	- SPDT 10A @125 VAC non-latching
VAC	- SPDT 10A @ 125
Configurable Relays	non-latching
Local Display and Buttons	Relay 1 - SPDT 10A @ 125 VAC
Remote Display	Relay 2 - SPDT 10A @ 125 VAC
Case Sensor	LCD 4-digit, 7-segment
Case Remote	LED 3-digit
Power	Weatherproof, corrosion-resistant plastic housing
Dimensions:	NEMA 4X, PVC
Dimensions:	110 or 220 VAC - 50/60 Hz, 300mA
Dimensions:	Sensor H 4.84" x W 1.89" x D 1.18"
Weight Total	Remote H 5.00" x W 7.00" D 2.00"
	Remote Wall H 10" x W 10" x D 2.25"
	4 pounds



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