



MODEL W1 + 480L

Dissolved Ozone Monitor

- Ideal for Water Treatment applications -



Features

- Stripping Column
- UV Absorption technique
- Highly stable optical system
- Microprocessor-based technology
- Dual field programmable alarms
- No consumables
- Reliable, repeatable and accurate
- Graphical user interface
- LED UV lamp
- Ethernet standard

The Model W1, combined with a Model 480L Ozone Monitor, continuously measures dissolved ozone concentrations in the liquid phase. It uses the stripping column method with advanced electronics design to deliver highly accurate and stable readings of dissolved ozone. This dissolved ozone monitor is typically used in measuring dissolved ozone in drinking water, wastewater and DI water applications in a wide range of industries.

Applications

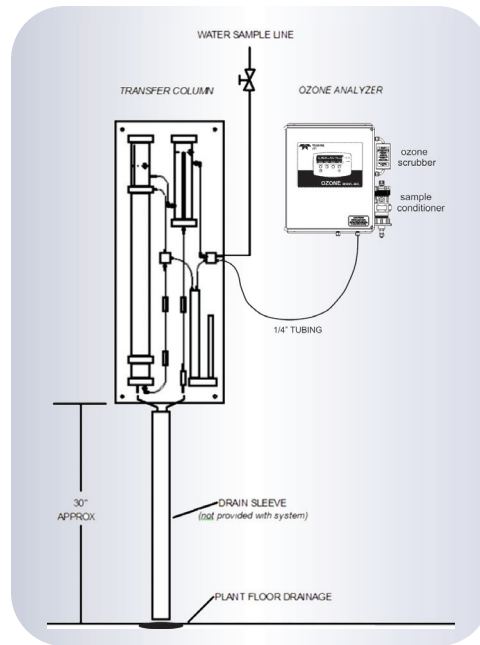
- Drinking Water Plants
- Bottling Plants - Water or Beverage
- Pharmaceutical Plants
- Water Treatment Plants & more

Dissolved Ozone Monitor

Specifications

• Measuring Principle	Transfer Method (transfer ozone from liquid to gas) followed by absolute determination by UV absorption
• Measuring Range	0-1, 0-2 mg/L
• Resolution	0.001 mg/L
• Zero Drift	0.001 mg/L per month
• Standard Alarms	Two field programmable alarms with Form C relay contacts (SPDT 5A, 250VAC resistive)
• Diagnostic Features	Continuous internal diagnostics with error messages and instrument error signal output
• Analog Outputs	4-20 mA or 0-5 VDC standard
• Communication Interface	RS-232, RS-485, MODBUS, Ethernet
• Supply Voltage	100-240 VAC 50/60 Hz, 74W

• Water Flow Rate	1.0 LPM (Gravity fed)
• Gas Flow Rate	0.8 LPM
• Connections	1/4" compression fittings (gas) 1/4" compression or 3/8" barb (water)
• Configuration	NEMA 4X, IP65 Wall Mount
• Dimensions (H x W x D)	M480 Ozone Monitor (NEMA): 16.17" x 15.96" x 6.80" (410.6 mm x 405.4 mm x 172.7 mm) Transfer Column: 39.0" x 15.0" x 4.0" (991 mm x 381 mm x 102 mm)
• Operating Conditions	5-45°C, 0-95% RH non-condensing
• Approvals	CE
• Warranty	1 year



— OZONE INSTRUMENTATION FOR EVERY APPLICATION —					
Model	Generator Output	Off Gas Detection	Safety / Leak Detection	Dissolved Ozone	Spot Checking
480L		•	•		
480M		•	•		
480H	•				
454	•	•			
452	•				
430			•		•
W1 + 480L				•	
470				•	

Specifications subject to change without notice. All specifications are based on constant conditions. Printed documents are uncontrolled. SAL000112B (DCN 8417) 10.18.21