



MODEL W1 + 465L

Dissolved Ozone Analyzer

- 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

The Model W1, combined with a Model 465L Ozone Analyzer, 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 analyzer is typically used in measuring dissolved ozone in drinking water, wastewater and DI water applications in a wide range of industries.

Applications

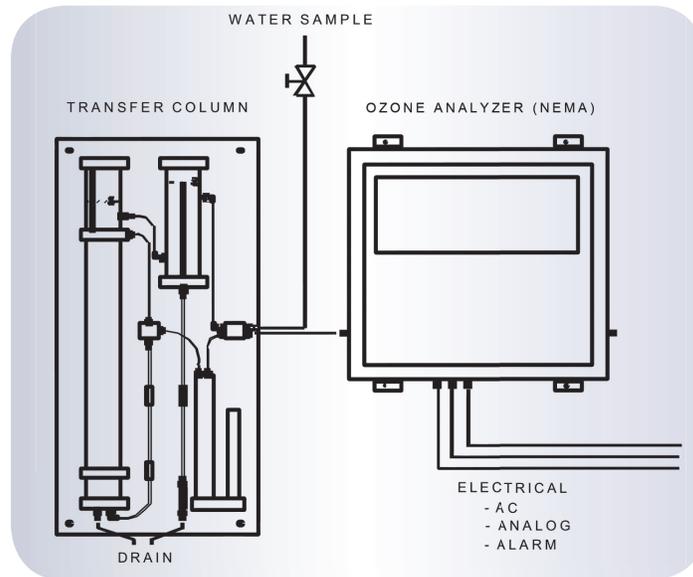
- Drinking Water Plants
- Bottling Plants - Water or Beverage
- Pharmaceutical Plants
- Water Treatment Plants & more

Dissolved Ozone Analyzer

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
• Linearity	Better than 99% throughout range
• Zero Drift	Better than 0.005 ppm per month
• Standard Alarms	Two field programmable alarms with form C relay contacts (SPDT, 5A 250 VAC resistive)
• Diagnostic Features	Continuous internal diagnostics with error messages and instrument error relay
• Analog Outputs	4-20 mA or 0-5 VDC standard
• Digital Outputs	RS-232 interface, MODBUS
• Supply Voltage	100-240 VAC 50/60 Hz, 74W
• Water Flow Rate	1.0 LPM (Gravity fed)

• Gas Flow Rate	1.0 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)	M465 Ozone Analyzer (NEMA): 16.85" x 15.60" x 6.90" (428 mm x 396 mm x 175 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
465L		•	•		
465M		•	•		
465H	•				
454	•	•			
452	•				
430			•		•
W1 + 465L				•	
470				•	

Specifications subject to change without notice. All specifications are based on constant conditions. Printed documents are uncontrolled. SAL000097C (DCN 8260) 02.18.20