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

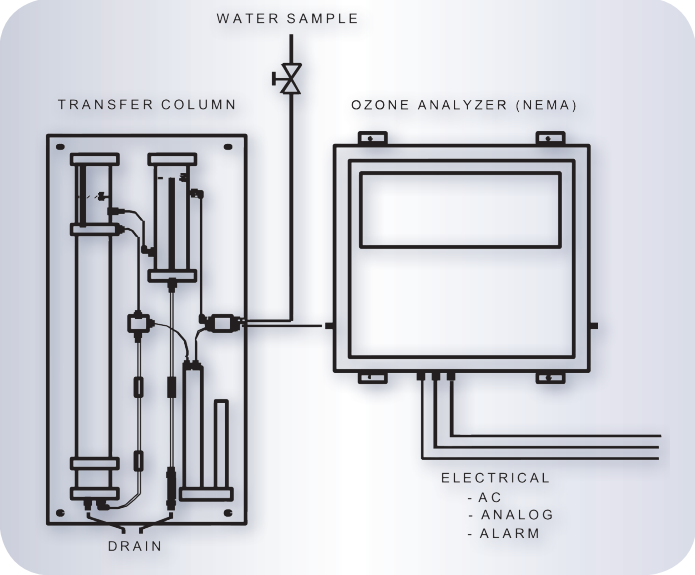
MODEL W1 + 465L

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 For 0-5 mg/L, contact factory
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				●	

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