



# Model IN-2000-L2-LC-W1 Analyzer

## DISSOLVED OZONE ANALYZER



The Model **IN-2000-L2-LC-W1** uses UV absorption to continuously measure 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. The model **IN-2000-L2-LC-W1** is typically used in measure dissolved ozone in drinking water, wastewater and DI water applications in a wide range of industries.

### Applications:

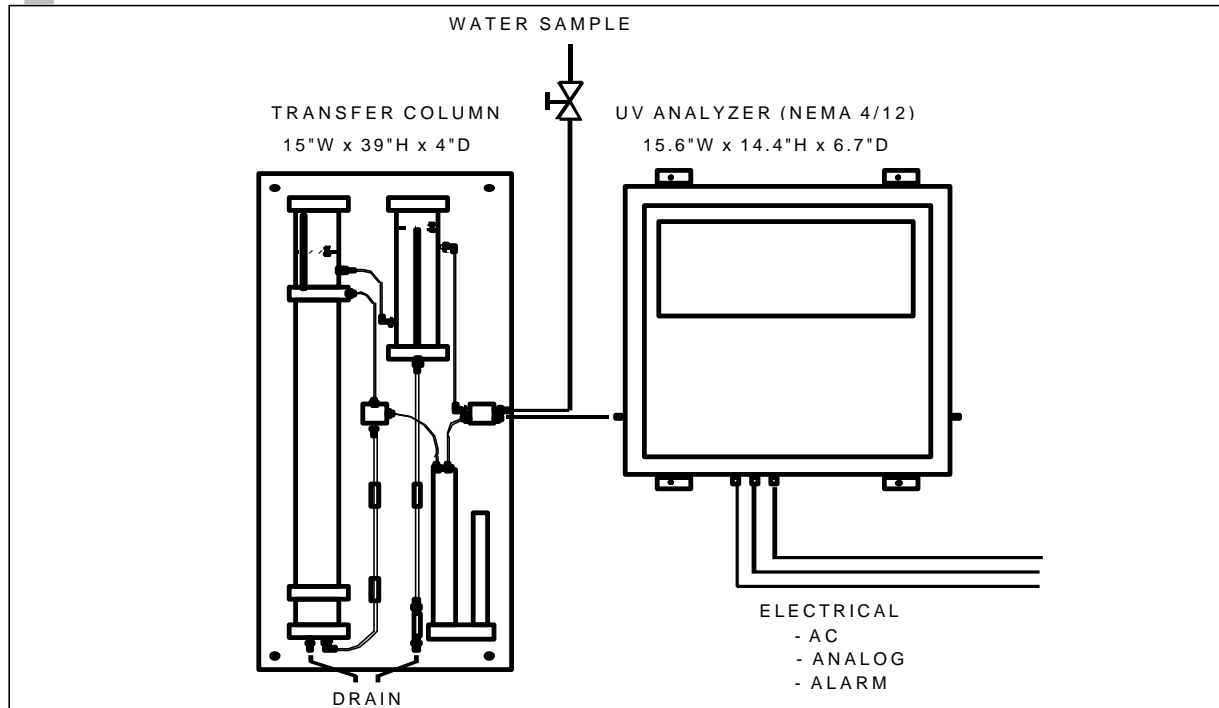
- Drinking Water Plants
- Bottling Plants – Water or Beverage
- Pharmaceutical Plants
- Waste Water Treatment Plants
- Others

### Features:

- Stripping Column
- UV Absorption technique
- Highly stable optical system
- Microprocessor based technology
- Dual field programmable alarms
- No consumables
- Reliable, repeatable and accurate

# Specifications

Model IN-2000-L2-LC-W1



<b>Measuring Principle:</b>	Transfer Method (transfer ozone from liquid to gas) followed by absolute determination by UV absorption	<b>Analog Outputs:</b>	4-20 mA and 0-10 VDC standard.
<b>Measuring Range:</b>	0-1, 0-2, 0-3, 0-5, 0-10, >10ppm *	<b>Digital Outputs:</b>	RS-232 interface
<b>Resolution:</b>	0.001 ppm (ranges 0-1 to 0-10ppm) 0.01ppm (range >10 ppm)	<b>Supply Voltage:</b>	100-240 VAC 50/60 Hz
<b>Linearity:</b>	Better than 99% throughout range	<b>Water Flow Rate:</b>	1.0 LPM (Gravity fed)
<b>Zero Drift:</b>	Better than 0.002 ppm per month, non cumulative	<b>Gas Flow Rate:</b>	1.0 LPM
<b>Standard Alarms:</b>	Two field programmable alarms with form C relay contacts (SPDT, 5A 250 VAC resistive)	<b>Connections:</b>	1/4" compression fittings (gas) 1/4" compression or 3/8" barb (water)
<b>Diagnostic Features:</b>	Continuous internal diagnostics with error messages instrument error relay	<b>Configurations:</b>	Nema-4X IP65 Wall Mount; 19" Rack Mount, others available
<b>Options:</b>	Low flow alarm relay, RS-422 Isolated 4-20 mA	<b>Dimensions:</b>	<b>(H x W x D)</b> Nema-4X Weatherproof: 15.6 x 14.4 x 6.7 in. (396.9 x 365.1 x 169.9 mm.) Rack Mount: 5.25 x 19.00 x 18.18 in. (133.3 x 482.6 x 461.8 mm.)
* Higher concentrations available		<b>Operating Conditions:</b>	5-45°C, 0-95% RH non-condensing

Specifications subject to change without notice

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