

# UV Absorption Ozone Analyzer

## Mid Range Ozone Analyzer

This mid-range ozone analyzer is perfect for laboratory applications that need to verify ozone outputs from ozone generators. User-selectable - ppm, g/Nm<sup>3</sup> - more features than the 454 ozone analyzer.



Product ID: **API-450M**

Lead Time: **28 days**

## Features

- 0-1000 ppm to 0-20000 ppm or 0-1% w/w to 0-5% w/w - for ozone contact chamber or other measurements
- Microprocessor-based with simple menu-driven software
- Test and Diagnostic Functions: continuous self-checking with alarm features
- Bench, Rack or NEMA-4X Wall-Mount Enclosures Available for any application
- Analog Outputs, Serial Communication standard - 4-20 mA optional
- Temperature and Pressure Compensated - Internal Sample Pump with Ozone Flow Control

## Specifications

UNITS:	User-selectable - ppm or g/Nm <sup>3</sup>
ZERO DRIFT:	None (Auto-Zero)
RESOLUTION:	0.1 g/m <sup>3</sup> 0.001 % w/w
RESPONSE TIME:	less than 15 seconds to 95% of ozone value
LINEARITY:	1% of full scale
SAMPLE FLOW RATE/PRESSURE:	0.5-2 lpm / 5-30 PSIG
OPERATING TEMPERATURE RANGE:	5-45°C
DIMENSIONS (HxWxD):	Rack/Bench Mount: 7" (178mm) x 17" (432mm) x 18.2" (463mm) NEMA 4X: 19.5" (495mm) x 17.25" (438mm) x 9.63" (245mm)
WEIGHT:	Rack/Bench-mount: 28 lbs. (13 kg) NEMA 4X: 38 LBS. (17.3 kg)
POWER:	100-240 VAC, 50/60Hz
ANALOG OUTPUTS (STANDARD)	Bi-Polar, 0-1/5/10V/100mV, selectable - Serial: RS-232 (standard DB-9 )
CURRENT:	Relays: (3) 250V at 3A, Form C
OUTPUTS (OPTIONAL):	0-20mA or 4-20mA isolated
APPROVALS:	CE