

# UV Absorption Ozone Analyzer

## Low Range Ozone Analyzer

This low-range ozone analyzer is perfect for laboratory applications that need to verify ozone outputs from ozone generators. User-selectable - ppmv, ppbv, mg/m<sup>3</sup> units. 1, 3 or 6 sampling ports available.



Product ID: **API-450**  
Lead Time: **28 days**  
Price: **\$5,795.00**

## Features

- 0.003-1.000 to 0-1000 ppm operator selectable standard; 0-5 to 0-5000 ppm optional
- Excellent for sampling ambient ozone levels in multiple rooms
- 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

Weight:	Rack/Bench-mount: 28 lbs. (13 kg) NEMA 4X: 38 LBS. (17.3 kg)
Units:	ppmv, ppbv, ppmw, pphm, pg/m <sup>3</sup> , mg/m <sup>3</sup> operator selectable
Zero Drift:	0.005 ppm/month, non-cumulative
Precision/Repeatability:	±0.1% of full scale
Resolution:	0.001 ppm
Response Time:	<30 seconds to 95% of true ozone value
Linearity:	1% of full scale
Sample Flow Rate/Pressure:	1.0-2.5 lpm / 5-30 PSIG
Operating Temperature Range:	5-45°C
Power:	100-240 VAC, 50/60Hz
Analog Output (Bi-Polar):	100mV, 1V, 5V, 10V (operator selectable); 4-20mA or 0-20mA isolated outputs optional
Outputs (Optional):	0-20mA or 4-20mA isolated
Status Outputs:	System OK, Low Flow (option), Pressure, Temperature, UV Lamp Fault
Stream I.D. Outputs:	Channel 1 through 6
Control Inputs:	Channel 1 through 6, remote selection
RS-232:	DB-9 connector (optional)
Approvals:	CE
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)