

High Concentration UV Absorption Ozone Analyzer

High Range Ozone Analyzer

This mid-range ozone analyzer is perfect for laboratory applications that need to verify ozone outputs from ozone generators. User-selectable - g/Nm³, wt.% - more features than the 454 ozone analyzer.



Product ID: **API-450H**
Lead Time: **28 days**

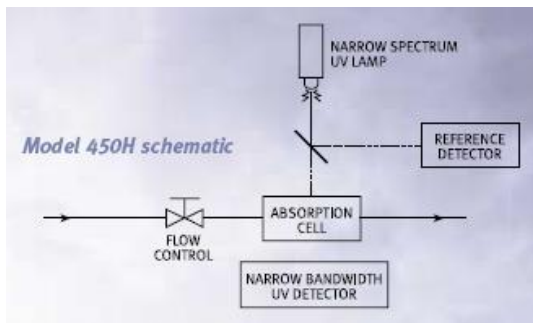
Features

- 0-100 gm/m³ to 0-400 gm/m³ or 0-5% w/w to 0-20% w/w Range
- 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 - optional 4-20 mA
- Temperature and Pressure Compensated - Internal Sample Pump with Ozone Flow Control

Specifications

Units:	User-selectable - ppm or g/Nm ³
Zero Drift:	None (Auto-Zero)
Resolution:	0.1 g/m ³ 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:	Rack/Bench Mount: 7" (178mm) x 17" (432mm) x 18.2" (463mm) [HxWxL] 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, user 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

450H Schematic



Schematic showing the individual components of the 450H high concentration ozone analyzer.

Excellent for detecting ozone generator high output concentrations.