

The Model T400 UV Absorption O₃ Analyzer



Using the proven UV Absorption measurement principle, the Model T400 provides stable measurements of O₃ in ambient air.

— With NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- All other T Series instrument platform features
- Lifetime technical support by phone and email
- Standard two-year warranty

T400 Specifications

● Ranges	Min: 0 - 100 ppb Full scale Max: 0 - 10,000 ppb Full scale (selectable, dual-range supported)
● Measurement Units	ppb, ppm, µg/m ³ , mg/m ³ (selectable)
● Zero Noise	< 0.2 ppb (RMS)*
● Span Noise	< 0.5% of reading (RMS) above 100 ppb
● Lower Detectable Limit	< 0.4 ppb*
● Zero Drift	< 1.0 ppb/24 hours
● Span Drift	< 1% of reading/24 hours
● Response Time	< 30 seconds to 95%
● Linearity	1% of full scale
● Precision	0.5% of reading above 100 ppb
● Sample Flow Rate	800 cc/min ±10%
● IZS Specifications (optional)	Maximum Concentration: 1.0 ppm Minimum Concentration: 0.050 ppm Resolution: 0.5 ppb Repeatability (7 days): 1% of reading Initial accuracy: ± 5% of target
● Power Requirements	100V-120V, 220V-240V, 50/60 Hz
● Analog Output Ranges	10V, 5V, 1V, 0.1V (selectable)
● Recorder Offset	±10%
● Included I/O	1 x Ethernet: 10/100Base-T 2 x RS232 (300-115,200 baud) 2 x USB device ports 8 x opto-isolated digital outputs 6 x opto-isolated digital inputs 4 x analog outputs
● Optional I/O	1 x USB com port 1 x RS485 4 x digital alarm outputs Multidrop RS232 3 x 4 - 20mA current outputs
● Operating Temperature Range	5 - 40°C (with EPA Approval)
● Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
● Weight	28 lbs (12.7 kg) / 30.6 lbs (13.8 kg) with IZS
● Certifications	US EPA EQOA-0992-087 EU: EN14625 TÜV Rheinland QAL1 Certified: EN15267 MCERTS: Sira MC 050070/09 CNEMC: 质(认)字 No. 2018-209 Report

* with 80 Sample Digital Filter

Specifications subject to change without notice.
All specifications are based on constant conditions.