The Model T400
UV Absorption O_3 Analyzer

Using the proven UV Absorption measurement principle, the Model T400 provides stable measurements of O_3 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

TELEDYNE API
Everywhereyoulook™

T400 Specifications

Ranges	Min: 0 - 100 ppb Full scale Max: 0 - 10 ppm 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
Lag Time	< 10 seconds
Rise/Fall Time	< 20 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 8 x analog inputs (0-10V, 12-bit) 4 x digital alarm outputs Multidrop RS232 3 x 4 - 20mA current outputs
Operating Temperature Range	5 - 40ºC (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 MC050070/08 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.

TELEDYNE API
Everywhereyoulook™

9970 Carroll Canyon Road ▪ San Diego, CA 92131
Ph. 858-657-9800 Fax 858-657-9816
Email api-sales@teledyne.com

For more information about the Teledyne API family of monitoring instrumentation products, call us or visit our website at:

www.teledyne-api.com

Printed documents are uncontrolled. SAL000061H
(DCN 8062) 01.10.19

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001