The Model T300
Gas Filter Correlation CO Analyzer

Using IR Gas Filter Correlation technology, the Model T300 CO analyzer produces excellent zero and span stability, high signal-to-noise ratio, and provides advanced electronics to allow accurate, dependable, continuous measurements for ambient air quality, stack gas monitoring and other applications.

— 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 and five years on the GFC wheel

TELEDYNE API
Everywhereyoulook™

T300 Specifications

Ranges	Min: 0 - 1 ppm full scale Max: 0 - 1,000 ppm full scale (selectable, dual-range supported)
Measurement Units	ppb, ppm, µg/m^3, mg/m^3 (selectable)
Zero Noise	< 0.02 ppm (RMS)
Span Noise	< 0.5% of reading (RMS) above 5 ppm
Lower Detectable Limit	< 0.04 ppm
Zero Drift	< 0.1 ppm/24 hours
Span Drift	< 0.5% of reading/24 hours
Response Time	< 70 seconds to 95%
Linearity	1% of full scale
Precision	0.5% of reading (RMS) above 5 ppm
Sample Flow Rate	800 cc/min ±10%
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 operating, 10 - 40°C (US EPA Equivalency)
Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
Weight	40 lbs (18 kg)
Certifications	US EPA: RFCA-1093-093 EU: EN14626 TÜV Rheinland QAL1 Certified: EN15267 MCERTS: Sira MC 050069/08 CNEMC: 质(认)字 No. 2018-209 Report

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. SAL000053J
(DCN 8464) 11.04.21

ISO 9001:2015 CERTIFICATION™
Intertek