The Model T300U Trace-Level Gas Filter Correlation CO Analyzer

The Model T300U analyzer achieves low level CO measurements using the proven IR Gas Filter Correlation principle and advanced electronics. The T300U combines high sensitivity with a robust design, and wide dynamic measurement range making it ideal for ambient air quality, and other low-level 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

T300U Specifications

■ Ranges	Min: 0 - 100 ppb full scale Max: 0 - 100 ppm full scale (selectable, dual ranges)
■ Measurement Units	ppb, ppm, μg/m^3, mg/m^3 (selectable)
■ Zero Noise	< 10 ppb (RMS)
■ Span Noise	< 0.5% of reading (RMS) above 2.5 ppm
■ Lower Detectable Limit	< 20 ppb
■ Zero Drift	< 20 ppb/24 hours
■ Span Drift	< 0.5% of reading/24 hours above 5 ppm
■ Response Time	< 70 seconds to 95%
■ Linearity	1% of full scale
■ Precision	0.5% of reading
■ Sample Flow Rate	1800 cc/min ±20%
■ 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 10 - 40°C (with US EPA Equivalency)
■ Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
■ Weight	50 lbs (22.7 kg)
■ Certifications	US EPA: RFCA-1093-093

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

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001