



The Model T300M

Mid-Range Gas Filter Correlation CO Analyzer



Using IR Gas Filter Correlation technology, the Model T300M Mid-Range Gas Filter Correlation CO analyzer produces excellent zero and span stability, high signal-to-noise ratio, and provides advanced electronics to allow accurate, dependable, continuous measurements for mid-range stack gas monitoring or 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

T300M Specifications

■ Ranges	Min: 0 - 5 ppm full scale Max: 0 - 5,000 ppm full scale (selectable, dual range supported)
■ Measurement Units	ppm, mg/m ³ (selectable)
■ Zero Noise	< 0.1 ppm (RMS)
■ Span Noise	< 0.5% of reading (RMS) above 20 ppm
■ Lower Detectable Limit	0.2 ppm
■ Zero Drift	< 0.5 ppm/24 hours
■ Span Drift	< 0.5% of reading/24 hours
■ Lag Time	10 seconds
■ Rise/Fall Time	< 60 seconds to 95%
■ Linearity	±1% of full scale
■ Precision	1% of reading
■ 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 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 - 40°C
■ Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
■ Weight	40 lbs (18.1 kg)

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



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

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