



# The Model T360M Mid-Range Gas Filter Correlation CO<sub>2</sub> Analyzer



Using a gas filter correlation wheel, the Model T360M Mid-Range CO<sub>2</sub> Analyzer measures carbon dioxide by comparing infrared energy absorbed by a sample to that absorbed by a reference gas according to the Beer-Lambert law. This design produces excellent zero and span stability and high signal to noise ratio, allowing excellent performance over a wide concentration range, making this instrument an ideal choice for CO<sub>2</sub> reporting requirements associated with dilution CEMS.

— 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
- Five-year warranty on GFC wheel

## Model T360M Specifications

■ Ranges	Min: 0 - 4 ppm full scale Max: 0 - 4,000 ppm full scale (selectable, dual-range supported)
■ Measurement Units	ppb, ppm, µg/m <sup>3</sup> , mg/m <sup>3</sup> (selectable)
■ Zero Noise	< 0.2 ppm (RMS)
■ Span Noise	< 1% of reading (RMS)
■ Lower Detectable Limit	< 0.4 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	0.5% 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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(DCN 7433) 02.09.18

