The Model T360U Trace-Level Gas Filter Correlation CO_2 Analyzer

The Model 360U CO_2 analyzer measures of Carbon Dioxide by comparing infrared energy absorbed by a sample to that absorbed by a refernece gas according to the Beer-Lamber law. Using a Gas Filter Correlation Wheel, a high energy IR light source is alternately passed through a CO_2 filled chamber and a chamber with no CO_2 present.

— Available 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

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Model T360U Specifications

Ranges	Min: 0 - 100 ppb full scale Max: 0 - 100 ppm full scale (selectable, dual-range supported)
Measurement Units	ppb, ppm, µg/m^3, mg/m^3 (selectable)
Zero Noise	< 2.5 ppm (RMS)
Span Noise	< 5% of reading (RMS)
Lower Detectable Limit	< 5 ppb
Zero Drift	< 0.25 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 - 40ºC
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.

NumaView™ software is available as a no-charge option that must be specified at the time of purchase.

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

www.teledyne-api.com

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