



The Model T801 NDIR CO₂ Analyzer



The Model T801 CO₂ analyzer measures Carbon Dioxide using state of the art NDIR sensing technology. This design produces an excellent rugged product designed for extractive CEM or RATA applications.

— 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

Model T801 Specifications

■ Ranges	0 - 20% full scale range (user selectable, dual ranges supported)
■ Zero Noise	< 0.02% (RMS)
■ Span Noise	< 0.1% of reading (RMS)
■ Lower Detectable Limit	< 0.04% ppm
■ Zero Drift	< ±.02 %/24 hours < ±. .05%/7 days
■ Span Drift	< ± 0.1 % / 7 days
■ Rise/Fall Time	< 60 seconds to 95%
■ Accuracy	< ±(1.5% of range + 2% of reading)
■ Temperature Coefficient	< ±% 0.01 per degree C
■ Power Requirements	100V-120V, 220V-240V, 50/60 Hz
■ Humidity Range	0-95 % RH
■ Pressure Range	25-31 in Hg
■ 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 2 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	28 lbs (12.7 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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