



The Model T200M Mid-Range Chemiluminescence NO/NO₂/NO_x Analyzer



The Model T200M Mid-Range NO / NO₂ / NO_x analyzer uses the proven chemiluminescence detection principle and advanced electronics to allow accurate, dependable, continuous measurements for mid-level stack gas monitoring and other applications. The T200M may be fitted with an optional, internal paramagnetic O₂ sensor or an infrared absorption CO₂ sensor, reducing integration and operating costs significantly.

— Available with NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- All other T Series instrument platform features
- Optional internal stainless steel converter
- Optional external single or dual converter
- Lifetime technical support by phone and email
- Standard two-year warranty
- Internal molybdenum converter
- Optional internal O₂ or CO₂ sensor

T200M Specifications

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| ■ Ranges | Min: 0 - 1 ppm full scale Max: 0 - 200 ppm full scale (selectable, independent NO, NO ₂ , NO _x ranges with dual range supported) |
| ■ Measurement Units | ppm, mg/m ³ (selectable) |
| ■ Zero Noise | < 20 ppb (RMS) |
| ■ Span Noise | < 0.2% of reading (RMS) above 20 ppm |
| ■ Lower Detectable Limit | 40 ppb |
| ■ Zero Drift | < 20 ppb/24 hours |
| ■ Span Drift | < 0.5% of reading/24 hours |
| ■ Lag Time | 20 seconds |
| ■ Rise/Fall Time | < 60 seconds to 95% (in switching mode) |
| ■ Linearity | 1% of full scale |
| ■ Precision | 0.5% of reading above 5 ppm |
| ■ Sample Flow Rate | 250 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 | Analyzer: 40 lbs (18 kg) External pump: 15 lbs (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.