



The Model T200

Chemiluminescence NO/NO₂/NO_x Analyzer



The Model T200 NO / NO₂ / NO_x analyzer uses the proven chemiluminescence detection principle and advanced electronics to allow accurate, dependable, continuous measurements for ambient air quality, stack gas monitoring and 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

T200 Specifications

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|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■ Ranges | Min: 0 - 50 ppb full scale Max: 0 - 20,000 ppb full scale (selectable, dual-range supported) |
| ■ Measurement Units | ppb, ppm, µg/m ³ , mg/m ³ (selectable) |
| ■ Zero Noise | < 0.2 ppb (RMS) |
| ■ Span Noise | < 0.5% of reading (RMS) above 50 ppb |
| ■ Lower Detectable Limit | 0.4 ppb |
| ■ Zero Drift | < 0.5 ppb/24 hours |
| ■ Span Drift | < 0.5% of full scale/24 hours |
| ■ Lag Time | 20 seconds |
| ■ Rise/Fall Time | < 60 seconds to 95% |
| ■ Linearity | 1% of full scale |
| ■ Precision | 0.5% of reading above 50 ppb |
| ■ Sample Flow Rate | 500 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 (with US EPA approval) |
| ■ 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) |
| ■ Certifications | US EPA: RFNA-1194-099 EU: EN14211 TÜV Rheinland QAL1 Certified: EN15267 MCerts: Sira MC050068/11 CNEMC: 质(认)字 No. 2015-028 Report |

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



TELEDYNE API
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9970 Carroll Canyon Road ■ San Diego, CA 92131
Ph. 858-657-9800 Fax 858-657-9816
Email api-sales@teledyne.com

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www.teledyne-api.com

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