



The Model T200U Trace-Level Chemiluminescence NO/NO₂/NO_x Analyzer



The Model T200U analyzer achieves low level NO / NO₂ / NO_x measurements using the proven Chemiluminescence principle and advanced electronics. The T200U combines high sensitivity with a wide dynamic measurement range making it ideal for ambient air quality, and other low-level applications.

— With NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- Lifetime technical support by phone and email
- All other T Series instrument platform features
- Standard two-year warranty

T200U Specifications

| | |
|-------------------------------|---|
| ■ Ranges | Min: 0 - 5 ppb full scale Max: 0 - 2,000 ppb full scale (selectable, independent NO, NO ₂ , NO _x ranges) |
| ■ Measurement Units | ppb, µg/m ³ (selectable) |
| ■ Zero Noise | < 25 ppt (RMS) |
| ■ Span Noise | < 0.5% of reading (RMS) above 5 ppb |
| ■ Lower Detectable Limit | < 50 ppt |
| ■ Zero Drift | < 0.1 ppb/24 hours |
| ■ Span Drift | < 0.5% of reading/24 hours |
| ■ Response Time | < 70 seconds to 95% |
| ■ Linearity | 1% of full scale |
| ■ Precision | 0.5% of reading above 5 ppb |
| ■ Sample Flow Rate | 1,000 cc/min ±10% |
| ■ Power Requirements | 100V-120V, 220V-240V, 50/60 Hz, Typical power 110W |
| ■ 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 4 x digital alarm outputs Multidrop RS232 3 x 4-20mA current outputs |
| ■ Operating Temperature Range | 5 - 40°C 20 - 30°C (with US EPA Equivalency) |
| ■ Dimensions (HxWxD) | 7" x 17" x 23.5" (178 x 432 x 597 mm) |
| ■ Weight | Analyzer: 40 lbs (18 kg) External pump: 22 lbs (10 kg) |
| ■ Certifications | US EPA: RFNA-1194-099 |

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



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