



The Model T200P

Photolytic NO/NO₂/NO_x Analyzer



The Model T200P provides measurements of NO, NO_x and NO₂ using our T200 analyzer combined with a patented high efficiency Blue Light Converter (BLC). The BLC, also known as photolytic converter, provides a very specific conversion of NO₂ with conversion efficiency similar to molybdenum.*

— 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



T200P Specifications

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|-------------------------------|---|
| ■ Ranges | Min: 0 - 50 ppb full scale Max: 0 - 4,000 ppb full scale (selectable, dual-range supported) |
| ■ Measurement Units | ppb, ppm, $\mu\text{g}/\text{m}^3$, 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 \pm 10% |
| ■ Power Requirements | 100V-120V, 220V-240V, 50/60 Hz |
| ■ Analog Output Ranges | 10V, 5V, 1V, 0.1V (selectable) |
| ■ Recorder Offset | \pm 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) |
| ■ Certifications | US EPA: EQNA-1016-241 |

* At typical ambient NO₂ concentrations.

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

For more information, contact us :
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