The Model T200 Chemiluminescence NO/ NO2 / NOx Analyzer

The Model T200 NO / NO2 / NOx 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

|  |  |
| --- | --- |
| Ranges | Min: 0 - 50 ppb full scaleMax: 0 - 20,000 ppb full scale (selectable, dual-range supported) |
| Measurement Units | ppb, ppm, μg/m3, mg/m3 (selectable) |
| Zero Noise | < 0.1 ppb (RMS) |
| Span Noise | < 0.2% of reading (RMS) above 50 ppb |
| Lower Detectable Limit | < 0.2 ppb |
| Zero Drift | < 0.5 ppb/24 hours |
| Span Drift | < 0.5% of full scale/24 hours |
| Response Time | < 80 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, 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)1. 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 RS4854 x digital alarm outputs Multidrop RS2323 x 4-20mA current outputs |
| Operating Temperature Range | 5 - 40ºC (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: 22 lbs (10 kg) |
| Certiﬁcations | US EPA: RFNA-1194-099EU: EN14211 TÜV Rheinland QAL1 Certiﬁed: EN15267 MCERTS: Sira MC 050068/12CNEMC: 质(认)字 No. 2018-209 Report |

Speciﬁcations subject to change without notice.

All speciﬁcations are based on constant conditions.

T200

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For more information about the Teledyne API family of monitoring instrumentation products, call us or visit our website at:

[www.teledyne-api.com](http://www.teledyne-api.com/)

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