The Model T200U Trace-Level Chemiluminescence $NO/NO_2/NO_X$ Analyzer

The Model T200U analyzer achieves low level $NO / NO_2 / NO_X$ 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
- All other T Series instrument platform features
- Lifetime technical support by phone and email
- Standard two-year warranty

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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
Lag Time	20 seconds
Rise/Fall Time	< 50 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
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 - 40ºC 20 - 30ºC (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: 21 lbs (9.5 kg)
Certifications	US EPA: RFNA-1194-099

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

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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

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