The Model T200
Chemiluminescence NO/NO$_2$/NO$_X$ Analyzer

The Model T200 NO / NO$_2$ /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

TELEDYNE API
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T200 Specifications

● Ranges	Min: 0 - 50 ppb full scale Max: 0 - 20,000 ppb full scale (selectable, dual-range supported)
● Measurement Units	ppb, ppm, $\mu g/m^3$, mg/m^3 (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) 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 - 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-1194-099 EU: EN14211 TÜV Rheinland QAL1 Certified: EN15267 MCERTS: Sira MC 050068/12 CNEMC: 质(认)字 No. 2018-209 Report

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