

The Model T201 Chemiluminescence NH₃ Analyzer



The Model T201 combines a specially configured chemiluminescence analyzer with an external thermal converter (shown on back) to give stable and repeatable NH₃ measurements at very low levels. In addition, the T201 is ideal for trace ammonia monitoring applications in ambient air as well as in cleanrooms and make up air units.

— 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

T201 Specifications

■ Ranges	Min: 0 - 50 ppb full scale Max: 0 - 2,000 ppb full scale (selectable, independent NO, NO ₂ , NO _x , NH ₃ , TNX ranges)
■ Measurement Units	ppb, ppm, µg/m ³ , mg/m ³ (selectable)
■ Zero Noise	< 0.5 ppb (RMS)
■ Span Noise	< 1% of reading (RMS) above 50 ppb
■ Lower Detectable Limit	< 1 ppb
■ Zero Drift	< 0.5 ppb/24 hours (NO, NO _x)
■ Span Drift	< 1% of full scale/24 hours
■ Response Time	< 340 seconds to 90%
■ Linearity	1% of full scale
■ Precision	0.5% of reading above 50 ppb
■ Sample Flow Rate	1000 cc/min ±10%
■ Power Requirements	100V-120V, 220V-240V, 50/60 Hz, Typical power 125W; Converter typical power 480W
■ 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	15 - 40°C
■ Dimensions (HxWxD)	Analyzer: 7" x 17" x 23.5" (178 x 432 x 597 mm) Converter: 7" x 17" x 23.5" (178 x 432 x 597 mm)
■ Weight	Analyzer: 43 lbs (20 kg) Converter: 22 lbs (10 kg) External pump: 22 lbs (10 kg)

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



Model T201 external converter (shown above) is included with the Model T201 instrument.