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
- Lifetime technical support by phone and email
- All other T Series instrument platform features
- Standard two-year warranty
### T201 Specifications

- **Ranges**
  - Min: 0 - 50 ppb full scale
  - Max: 0 - 2,000 ppb full scale (selectable, independent NO, NO₂, NOₓ, NH₃, TNX ranges)

- **Measurement Units**
  - ppb, ppm, μg/m³, mg/m³ (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, NOₓ)

- **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.

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