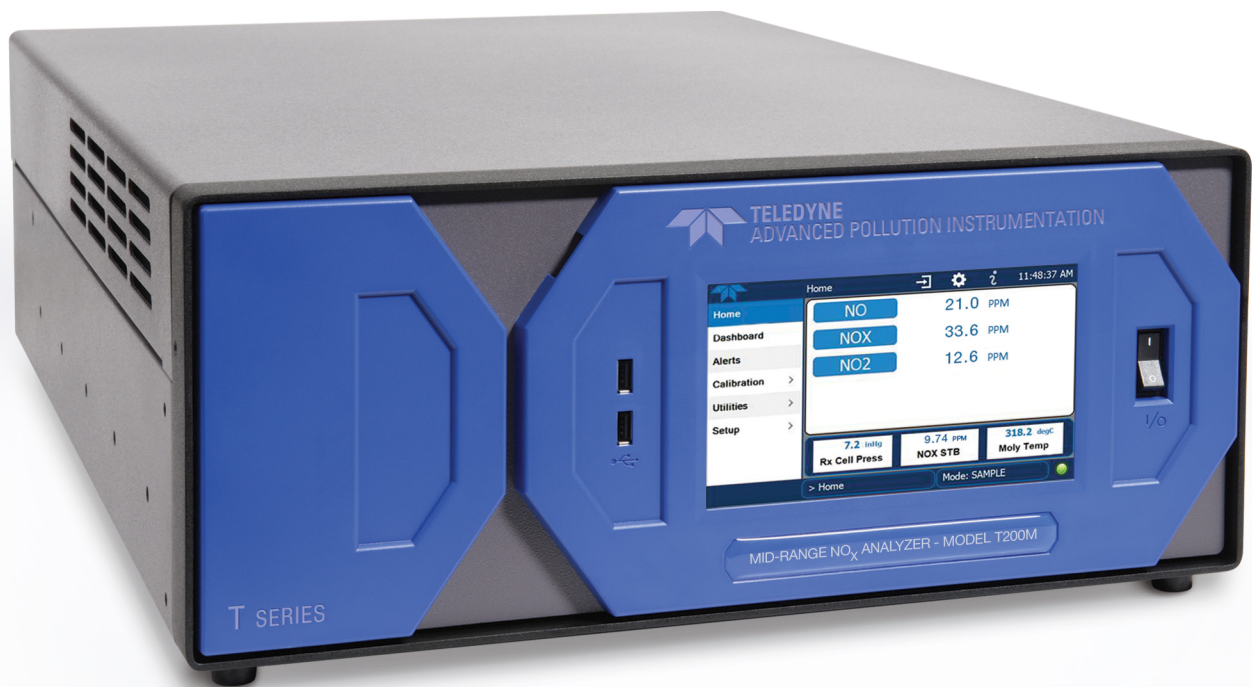# The Model T200M Mid-Range Chemiluminescence $NO/NO_2/NO_x$ Analyzer

The Model T200M Mid-Range $NO/NO_2/NO_x$ analyzer uses the proven chemiluminescence detection principle and advanced electronics to allow accurate, dependable, continuous measurements for mid-level stack gas monitoring and other applications. The T200M may be fitted with an optional, internal paramagnetic O_2 sensor or an infrared absorption CO_2 sensor, reducing integration and operating costs significantly.

— With NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- All other T Series instrument platform features
- Optional internal stainless steel converter
- Optional external single or dual converter
- Lifetime technical support by phone and email
- Standard two-year warranty
- Internal molybdenum converter
- Optional internal O_2 or CO_2 sensor

TELEDYNE API
Everywhere**you**look™

T200M Specifications

■ Ranges	Min: 0 - 1 ppm full scale Max: 0 - 200 ppm full scale (selectable, independent NO, NO_2, NO_X ranges with dual range supported)
■ Measurement Units	ppm, mg/m^3 (selectable)
■ Zero Noise	< 20 ppb (RMS)
■ Span Noise	< 0.2% of reading (RMS) above 20 ppm
■ Lower Detectable Limit	< 40 ppb
■ Zero Drift	< 20 ppb/24 hours
■ Span Drift	< 0.5% of reading/24 hours
■ Response Time	< 80 seconds to 95% (in switching mode)
■ Linearity	1% of full scale
■ Precision	0.5% of reading above 5 ppm
■ Sample Flow Rate	250 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
■ 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)

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

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

www.teledyne-api.com

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001