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.

— Available 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
ADVANCED POLLUTION INSTRUMENTATION
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
■ Lag Time	20 seconds
■ Rise/Fall Time	< 60 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
■ 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
■ Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
■ Weight	Analyzer: 40 lbs (18 kg) External pump: 15 lbs (7 kg)

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

NumaView™ software is available as a no-charge option that must be specified at the time of purchase.

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

www.teledyne-api.com