The Model T200H High Range Chemiluminescence $NO/NO_2/NO_x$ Analyzer

The Model T200H High Range $NO/NO_2/NO_x$ analyzer uses the proven chemiluminescence detection principle and advanced electronics to allow accurate, dependable, continuous measurements for high concentration stack gas monitoring and other applications. A high-efficiency stainless steel thermal NO_2 converter provides durable and consistent operation under the harshest conditions (other converter options also available). The T200H may be fitted with an optional, internal paramagnetic O_2 sensor or an infrared absorption CO_2 sensor, reducing integration and operating costs.

— With NumaView™ premium T Series software —

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

TELEDYNE API
Everywhere**you**look™

T200H

T200H Specifications

■ Ranges	Min: 0 - 5 ppm full scale Max: 0 - 5,000 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	290 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.