The Model T101
UV Fluorescence H$_2$S Analyzer

The Model T101 H$_2$S analyzer uses the proven UV fluorescence principle to measure hydrogen sulfide at levels commonly required for ambient air monitoring.

— Available 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

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T101 Specifications

■ Ranges	H$_2$S	Min: 0 - 50 ppb full scale
		Max: 0-10 ppm full scale
	SO$_2$	Up to 0-20 ppm full scale (selectable, dual range supported)
■ Measurement Units		ppb, ppm, µg/m^3, mg/m^3 (selectable)
■ Zero Noise		< 0.2 ppb (RMS)
■ Span Noise		< 0.5% of reading (RMS) above 50 ppb
■ Lower Detectable Limit		0.4 ppb
■ Zero Drift		< 0.5 ppb/24 hours
■ Span Drift		< 0.5% of full scale/24 hours
■ Lag Time		20 seconds
■ Rise/Fall Time		< 120 seconds to 95%
■ Linearity		1% of full scale
■ Precision		0.5% of reading above 50 ppb
■ Sample Flow Rate		650 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 41 lbs (18.3 kg)

* All certifications apply for legacy or NumaView™ T Series analyzer software

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

www.teledyne-api.com

CERTIFIED QUALITY MANAGEMENT SYSTEM
ISO 9001:2008

DNV