The Model T101
UV Fluorescence H_2S Analyzer

The Model T101 H_2S analyzer uses the proven UV fluorescence principle to measure hydrogen sulfide at levels commonly required for ambient air monitoring.

— 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_2S	Min: 0-50 ppb full scale Max: 0-10,000 ppb full scale
	SO_2	Up to 0-20,000 ppb 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
Response Time		< 140 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 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)

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

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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

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QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001