



# Advanced Test Equipment Corp.

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[www.atecorp.com](http://www.atecorp.com)

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## The Model T101 UV Fluorescence H<sub>2</sub>S Analyzer



The Model T101 H<sub>2</sub>S 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
- Lifetime technical support by phone and email
- All other T Series instrument platform features
- Standard two-year warranty

# T101 Specifications

■ Ranges	H <sub>2</sub> S SO <sub>2</sub>	Min: 0-50 ppb full scale Max: 0-10,000 ppb full scale Up to 0-20,000 ppb full scale (selectable, dual range supported)
■ Measurement Units		ppb, ppm, µg/m <sup>3</sup> , mg/m <sup>3</sup> (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 - 40°C
■ 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.



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

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