The Model T108
Total Sulfur Analyzer

The Model T108 Total Sulfur analyzer is designed to measure mixed sulfur impurities, collectively referred to as Total Sulfides, in air or carbon dioxide gas. The model T108 consists of a modified Model T100 SO_2 analyzer with special software and a Model 501TS SO_2 high temperature thermal oxidizer.

— 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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T108 Specifications

Ranges	Min: 0-50 ppb full scale Max: 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	< 120 seconds to 95%
Linearity	1% of full scale
Precision	0.5% of reading
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)	Analyzer: 7" x 17" x 23.5" (178 x 432 x 597 mm) Converter: 7" x 17" x 23.5" (178 x 432 x 597 mm)
Weight	Analyzer: 45 lbs (20.5 kg) Converter: 20 lbs (9.1 kg)
Certifications	US EPA: EQSA-0495-100

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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