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.

—— 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

TELEDYNE API
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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/24hours
■ Span Drift	< 0.5% of full scale/24 hours
■ Lag Time	20 seconds
■ Rise/Fall Time	< 100 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)	Analyzer 7" x 17" x 23.5" (178 x 432 x 597 mm) Converter: 7" x 17" x 22" (178 x 432 x 559)
■ Weight	Analyzer: 35.7 lbs (20.5 kg) Converter: 24 lbs (10.8 kg)

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

NumaView™ software is available as a no-charge option that must specified at the time of purchase.

CERTIFIED QUALITY MANAGEMENT SYSTEM
ISO 9001:2008
DNV