

Model 6022 H2S Analyzer

The Model 6022 UV H2S Analyzer provides accurate measurement of CS (Combined Sulfur) or H2S (Hydrogen Sulfide) gas in air or low source levels from industrial processes. The Model 6022 H2S analyzer uses the same optical bench as the Model 6020 UV Sulfur Dioxide analyzer.



An efficient H2S converter thermally converts H2S to SO2. SO2 (Sulfur Dioxide) gas that may be present in the sample gas passes through the H2S converter unaffected. H2S and SO2 combined in the sample gas is called CS. If H2S gas is the gas of interest, a SOX (SO2 Scrubber) is attached to the rear of the Model 6022 and plumbed in series to remove any SO2 that may be present. If there are other sulfur gases present in the sample gas, they will pass through the SOX scrubber and H2S converter unaffected and not measured.

Advanced, easy to use, menu-driven software allows access to sample conditions and diagnostics and the strip chart feature allows the user to view a time series plot for SO2 readings.

Specifications

Specifications subject to change without notice

Ranges	0-25 ppb to 0-2 ppm user set
Noise	<0.0005 ppm
Lower Detectable Limit	< 1 ppb
Zero Drift	<±0.003 ppm per 24 hours
Span Drift	<±1 % URL per 24 hours
Cycle Time	1 sample/second
Precision	<1 % of URL
Linearity	<1 % of URL
Sample Flow Rate	0.4 to 0.8 LPM
Operating Temperature	5° to 40° C
Power Requirements	200 Watts (depends on analyzer)
Voltage Output Ranges	0.1V, 1V, 2V, 5V, 10V, user-selectable
Input/Output Ports	Rear Panel: Ethernet, USB Device, USB Host (2), RS-232/485 (2)
Physical Dimensions	5.25 in (H). x 17 in. (W) x 22.5 in.(L)
Weight	25 lbs. (20.41 kg)
Certification	US EPA: RFSA-0616-237 (SO2 Bench)
Display	7" Wide View Color LCD Touchscreen
Interface	Touchscreen, Front Panel Keypad, External Keyboard, Mouse
Communications	Ethernet, USB and RS-232/485 Ports
Features	Automatic temperature and pressure compensation, Comprehensive internal data logging, Modbus protocol



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