

### PERFORMANCE

<b>Accuracy</b>	<b>0 to 50 ppm:</b> ± 2% F.S. / <b>&gt; 50 ppm:</b> ± 2.5% F.S.
<b>Repeatability</b>	<b>0 to 1 ppm:</b> ± 2.5% F.S. / <b>0 to 0.1 ppm:</b> ± 5% F.S.
<b>Linearity</b>	± 2% F.S.
<b>Sensitivity</b>	± 1% F.S.
<b>Response Time</b>	30 Seconds to Alarm [Excluding Sample Conditioning System]
<b>Measurement Range</b>	<b>H<sub>2</sub>S and/or Total Sulfur:</b> 0 to 0.1 ppm, 0 to 300 ppm, > 300 ppm [Dilution] <b>Arsine / Phosphine / Phosgene / Chlorine:</b> Customized Upon Request
<b>LDL</b>	0.005 ppm

### ENVIRONMENT

<b>Temperature / Humidity</b>	0 to 50°C [32 to 122°F] / 0 to 95% Relative Humidity [Non-Condensing]
<b>Installation</b>	Indoors or Suitable Enclosure
<b>Dimensions / Weight</b>	<b>903W:</b> 482 x 432 x 229 mm [19" x 17" x 9"] / X kg. [40 lbs] <b>903D2:</b> 686 x 838 x 318 mm [27" x 33" x 12.5"] / 20.4 kg. [45 lbs.] <b>903D1, 903CE:</b> 686 x 838 x 318 mm [27" x 33" x 12.5"] / 29.4 kg [60 lbs.]
<b>Total Sulfur Option</b>	Additional 9 kg. [20 lbs] and 381 mm [15"] Width
<b>Enclosure</b>	<b>903W:</b> Fiberglass <b>903D2, 903D1, 903CE:</b> 304 Stainless Steel


### UTILITIES

<b>Power / Consumption</b>	90 - 230 VAC, 10 - 32 VDC, or Solar Power, 10 Watts [250 Watts for TS]
<b>Sample Conditions</b>	100 cc/min. / 1 bar [15 psi] / 0 to 100°C [32 to 212°F]
<b>Calibration Gas</b>	100 cc/min, 1 bar, 15 psi [H <sub>2</sub> S in Nitrogen]; Permeation Tube Module Option.
<b>Hydrogen (TS)</b>	180 cc/min, 1 bar [15 psi]

### COMMUNICATIONS

<b>Analog Outputs / Inputs</b>	6 x 4-20mA Outputs (Loop-Powered) / 2 x 4-20mA Inputs [Loop or Self-Powered]
<b>Modbus</b>	Serial RS232 or RS485 [TCP/IP Optional]
<b>Digital Outputs / Inputs</b>	3 x SPDT Relays Standard [Additional 3 Upon Request] / 8 Discrete Inputs
<b>Human Machine Interface</b>	Monochrome LCD With Extendable Keypad
<b>PC GUI</b>	USB or Ethernet Access

### CERTIFICATIONS

<b>CEC / NEC</b>	Class I Div. 2 Groups BCD T3 / Class I Div. 1 Groups BCD T3
<b>ATEX / IECEx Zone 1</b>	 Ex db [ia] ia op is IIB+H <sub>2</sub> T4 Gb Tamb= 0 to +50°C
<b>Country-Specific</b>	China Pattern Approval, India CCOE, Russia Pattern Approval, Russia TR-CU