

PERFORMANCE

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| Accuracy Repeatability | <0.5 ppm: ± 5% F.S. / 0.5 ppm to 1 ppm: ± 3.0% F.S. / >1 ppm to 50 ppm: ± 2.0% F.S. / >50 ppm: ± 2.5% F.S. |
| Linearity | ± 2% F.S. |
| Sensitivity | ± 1% F.S. |
| Response Time | 30 Seconds to Alarm [Excluding Sample Conditioning System] |
| Measurement Range | H₂S and/or Total Sulfur: 100 ppb to 300 ppm Direct Feed / >300 ppm with Dilution Arsine / Phosphine / Phosgene / Chlorine: Customized Upon Request |
| LDL | 0.005 ppm |

ENVIRONMENT

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


UTILITIES

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

COMMUNICATIONS

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

CERTIFICATIONS

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| CEC / NEC | Class I Div. 2 Groups BCD T3 / Class I Div. 1 Groups BCD T3 |
| ATEX / IECEx Zone 1 |  II 2 G Ex db [ia] ia op is IIB+H ₂ T4 Gb T _{amb} = 0 to +50°C |
| Country-Specific | China Pattern Approval, India CCOE, Russia Pattern Approval, Russia TR-CU |