

### PERFORMANCE

<b>H<sub>2</sub>S Range / LDL</b>	0 to 500 ppm / 0.15 pm
<b>CO<sub>2</sub> Range / LDL</b>	0 to 5% / 500 ppm
<b>H<sub>2</sub>O Range / LDL</b>	0 to 500 ppm / 5 ppm
<b>Accuracy</b>	± 2% F.S.
<b>Repeatability</b>	± 2% F.S.
<b>Linearity</b>	± 2% F.S.
<b>Laser / Herriott Cell</b>	Only 1 for All Configurations
<b>Response Time</b>	T90: 30 Seconds [Including Sample Conditioning System]
<b>Method / Technology</b>	Tunable Diode Laser Absorption Spectroscopy (TDLAS)

### ENVIRONMENT

<b>Temperature / Humidity</b>	-20 to 50°C [32 to 122°F] / 0 to 95% Relative Humidity [Non-Condensing]
<b>Installation</b>	Indoors or Suitable Enclosure
<b>Dimensions</b>	<b>Zone 1 / Div. 1 Models:</b> 914 mm x 1,016 mm x 279 mm [36" x 40" x 11"] <b>Zone 2 / Div. 2 Models:</b> 1,333 mm 635 mm x 324 mm [52.5" x 25" x 12.8"]
<b>Weight</b>	<b>Zone 1 / Div. 1 Models:</b> 86 kg. [190 lbs.] <b>Zone 2 / Div. 2 Models:</b> 45 kg. [100 lbs.]
<b>Enclosure</b>	<b>Zone 1 / Div. 1 Models:</b> Cast Aluminium <b>Zone 2 / Div. 2 Models:</b> Stainless Steel or Painted Steel


### UTILITIES

<b>Power / Consumption</b>	90 - 240 VAC, 110 Watts / 10 - 32 VDC, 80 Watts [VDC Only for Div. 1 Models]
<b>Calibration Gas</b>	1,000 - 3,000 cc/min.

### COMMUNICATIONS

<b>Analog Outputs / Inputs</b>	4 x 4-20mA Outputs (Self-Powered) / 2 x 4-20mA Inputs (Loop or Self-Powered)
<b>Modbus</b>	TCP/IP or Serial RS485
<b>Digital Outputs / Inputs</b>	4 x SPDT Relays / 4 Discrete Inputs
<b>Remote GUI</b>	Local Area Network [Any] Web-Browser Based
<b>Human Machine Interface</b>	5.7" Color LCD With Extendable Keypad

### 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>	II 2G Ex db [ia] op pr IIB+H <sub>2</sub> T3 Gb 
<b>ATEX / IECEx Zone 2</b>	II 3G Ex ec nC IIB+H <sub>2</sub> T3 Gc