

### PERFORMANCE

<b>Accuracy</b>	<b>By Component:</b> ± 0.5% to 2% F.S. [Application-Specific] <b>By Heating Value:</b> ± 0.25% Btu/scf per 1,000 Btu/scf
<b>Repeatability</b>	<b>By Component:</b> ± 0.5% to 2% F.S. [Application-Specific] <b>By Heating Value:</b> ± 0.25% Btu/scf per 1,000 Btu/scf
<b>Sensitivity</b>	<b>By Component:</b> 200 ppm
<b>Response Time</b>	T90: 4 to 5 Minutes
<b>Method / Technology</b>	Thermal Conductivity Detector Gas Chromatography
<b>Components</b>	Btu, Specific Gravity, Wobbe Index, Oxygen, CO, C6+, C7+, N <sub>2</sub> , Methane, CO <sub>2</sub> , Ethane, H <sub>2</sub> S, Propane, Iso-Butane, n-Butane, Iso-Pentane, n-Pentane, Neo-Pentane, Hydrogen [Vapor, Vaporizable, Liquid-Injection Systems Available]

### ENVIRONMENT

<b>Ambient Temperature</b>	-20 to 60°C [-4° to 140°F]
<b>Relative Humidity</b>	0 to 95% Non-Condensing
<b>Installation</b>	Indoors or Suitable Enclosure
<b>Dimensions</b>	686 x 838 x 318 mm [27" x 33" x 12.5"]
<b>Weight</b>	<b>Div. 2 Model:</b> 38.6 kg. [85 lbs.] <b>Div. 1 Model:</b> 54.4 kg [120 lbs.]
<b>Enclosure</b>	Stainless Steel

### UTILITIES

<b>Power / Consumption</b>	24 VDC or 90 to 240 VAC, 100 Watts Start-up, 50 Watts Running
<b>Carrier Gas</b>	Helium or Hydrogen, 4.1 bar, 20 cc/min [60 psi]
<b>Calibration Gas</b>	100 cc/min, 1 bar [15 psi]

### COMMUNICATIONS

<b>Analog Outputs</b>	4 x 4-20mA Outputs (Loop or Self-Powered)
<b>Analog Inputs</b>	3 x 4-20mA Inputs [RTD, 4-20mA, Transducer]
<b>Modbus</b>	TCP/IP, RS232, or RS485
<b>Digital Inputs</b>	4 Discrete Inputs
<b>Digital Outputs</b>	4 x SPDT Relays
<b>Human Machine Interface</b>	Color LCD With Extendable Keypad
<b>PC GUI</b>	Ethernet Access

### CERTIFICATIONS

<b>CEC / NEC</b>	Class I Div. 2 Groups BCD T3 / Class I Div. 1 Groups BCD T3
<b>Measurement Canada</b>	Approved