BRIMSTONE SPECIFICATIONS

PERFORMANCE	
Zero drift	+/- 0.25% F.S. per day with auto-zero every 4 hours
Span drift	± 1 % of full scale for H_2S and SO_2
Accuracy	± 1 % of full scale for H_2S and SO_2
Repeatability	± 1 % of full scale for H_2S and SO_2
Sensitivity	1 % of full scale for H_2S and SO_2
Linearity	± 1 % of full scale for H_2S and SO_2
Response time:	T-90, 10 seconds
ENVIRONMENT	
Ambient temperature	0°C to +60°C (-4°F to 140°F)
Dimensions	1100 mm H x 1448 mm W x 380 mm D (43.3”H x 57” W x 15” D)
Weight	125 kg (275 lbs)
UTILITIES	
Power & consumption	100-240 VAC 50/60 Hz, 800 watts
Sample flow	2.3 L/min (5 SCFH)
Air requirements	5.5 to 8.3 barg, 623 L/min (80-120 psig 22 SCFM)
Steam	3.4 barg(50 psig) for probe heating > 10.3 barg (>150 psig) for oven (CSA units only)
COMMUNICATIONS	
Digital Outputs	Modbus RS 485, Modbus TCP/IP
Digital Inputs	1 wet (12-24 VDC)
Analog Outputs	4 x 4-20 mA, user scalable, loop powered
Relays	4 x SPDT relay, 8 amps @300 VAC/25 VDC
APPROVALS & CERTIFICATIONS	
	CSA Class 1 Div 2, Groups CD, T3 ATEX Zone 1 Russia TR-CU