

SulfurChrome™ GC

Product Specifications

GALVANIC
APPLIED SCIENCES

PERFORMANCE

Accuracy	± 2% F.S.
Repeatability	± 2% F.S.
Sensitivity	± 2% F.S.
Response Time	T90: 4 to 15 Minutes, 6 Minutes on Average [Application-Specific]
Method / Technology	Gas Chromatography With Sulfur Chemiluminescence Detector
Sulfurs Measured	H ₂ S, COS, CS ₂ , Sulfides, Disulfides, Mercaptans, Thiophenes, Total Sulfur, Others
Range	0 to 10 mg/l, 0 to 5 g/l [Equimolar Response to All Sulfur Species]

ENVIRONMENT

Ambient Temperature	0 to 50°C [32° to 122°F]
Relative Humidity	0 to 95% Non-Condensing
Installation	Indoors
Dimensions	711 x 1,016 x 406 [28" x 40" x 16"]
Weight	57 kg. [125 lbs.]
Enclosure	Painted Steel

UTILITIES

Power / Consumption	100 to 240 VAC, 600 Watts
Helium Gas	10 cc/min, 4 bar [60 psi]
Hydrogen Gas	80 cc/min, 1 bar [15 psi]
Calibration Gas	H ₂ S in Nitrogen [Used for All Sulfur Species]
Vacuum Pump	115 VAC, 6 Amp Consumption

COMMUNICATIONS

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

CERTIFICATIONS

CSA / NEC	Class I Div. 2 Groups BCD T3 [Purged]
------------------	---------------------------------------