

BRIMSTONE TAIL AND PIT GAS ANALYZERS SPECIFICATIONS

PERFORMANCE

Components Measured	H ₂ S, SO ₂ , COS & CS ₂
Zero drift	Automatically compensated through continuous reference wavelength measurement and periodically through auto zero
Accuracy	± 1 % of full scale for H ₂ S and SO ₂
Repeatability	± 1 % of full scale for H ₂ S and SO ₂
Sensitivity	1 % of full scale for H ₂ S and SO ₂
Linearity	± 1 % of full scale for H ₂ S and SO ₂
Response time:	T-90, 10 seconds

ENVIRONMENT

Ambient temperature	-20°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	Adjustable via aspirator drive medium settings to optimize response time
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, IICT3

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54
Астана +7(7172)727-132	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31
Белгород (4722)40-23-64	Кемерово (3842)65-04-62	Новосибирск (383)227-86-73	Ставрополь (8652)20-65-13
Брянск (4832)59-03-52	Киров (8332)68-02-04	Орел (4862)44-53-42	Тверь (4822)63-31-35
Владивосток (423)249-28-31	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Томск (3822)98-41-53
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Тула (4872)74-02-29
Вологда (8172)26-41-59	Курск (4712)77-13-04	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Воронеж (473)204-51-73	Липецк (4742)52-20-81	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Екатеринбург (343)384-55-89	Магнитогорск (3519)55-03-13	Рязань (4912)46-61-64	Уфа (347)229-48-12
Иваново (4932)77-34-06	Москва (495)268-04-70	Самара (846)206-03-16	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93

Единый адрес для всех регионов: gcv@nt-rt.ru || www.galvanic.nt-rt.ru

Please note: we work continuously to improve the performance of our products – all specifications are subject to change without notice.