

ACCUCHROME SPECIFICATIONS

PERFORMANCE

Accuracy by component	±0.5%/F.S (range 50) ± 1%/F.S (5<range<50) ± 2%/F.S(range 5%)
Accuracy by heating value	+/- 0.25 Btu/scf per 1000 Btu/scf
Repeatability	+/- 0.25 Btu/scf per 1000 Btu/scf
Sensitivity	200 ppm
Linearity	+/- 2% F.S.
Response time:	4 to 5 minutes

ENVIRONMENT

Ambient temperature	-20°C to + 60°C (-4°F to 140°F)
Dimensions	686 mm W x 838 mm H x 318 mm D (27" W x 33" H x 12.5" D)
Weight	Division 1: 54.4 kg (120 lbs) Division 2: 38.6 kg (85 lbs)

UTILITIES

Power & consumption	24 VDC, 100 watts startup, 50 watts running 90-240 VAC, 50/60 Hz 100 watts startup, 50 watts running
Sample flow	100 cc/min, 1 barg (0.21 SCFH, 15 psig)
Gas requirements	Helium or hydrogen carrier gas 5.5 - 6.9 barg, 20 cc/min (80 - 100 psig, 0.042 scfh)

COMMUNICATIONS

Digital Outputs	Modbus RS232, Modbus RS485, Modbus TCP/IP
Digital Inputs	2 dry contact, 2 wet contact (12/24 VDC)
Analog Inputs	3 universal inputs, user programmable (RTD, 4-20 mA, transducer)
Analog Outputs	4 x 4-20 mA, user scalable, user selectable loop or self powered
Relays	4 x SPDT relays, 8 amp @250 VAC

APPROVALS & CERTIFICATIONS

CSA (C, CUS) Class 1 Division 1, Groups BCD
CSA (C, CUS) Class 1 Division 2, Groups BCD

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