

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 to 240 VAC, 50/60 Hz 100 watts startup, 50 watts running |
| Sample flow | 100 cc/min, 1 barg (0.21 SCFH, 15 psig) |
| Carrier gas | Helium or hydrogen - 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 T3
CSA (C, CUS) Class 1 Division 2, Groups BCD T3
Measurement Canada for Custody Transfer