



Critical Environment Technologies

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AST-IC2 SPECIFICATION SHEET

ANALOG TRANSMITTERS WITH INFRARED CARBON DIOXIDE SENSORS

Dimensions:	<u>Standard Office Mount Enclosure</u> Size: 5.3" x 3.3" x 1.4" (135mm x 85mm x 35mm) Weight: 6 ounces (170 g) * Optional duct sampling kits available for duct monitoring
Construction:	High Impact Plastic
Sensor Type:	Non-dispersive infrared (NDIR)
Monitoring Method:	Diffusion or optional duct sampling
Range:	0 - 2000 ppm (other ranges available on request)
Repeatability:	+/- 20 ppm
Accuracy:	+/- 5% of reading or 75 ppm (whichever is greatest)
Calibration:	5 years
Warm Up Time:	Less than 1 minute
System Power:	18 - 30 VDC or 18 - 28 VAC
Temperature:	0 - 50 deg. C.
Humidity:	5% to 95% RH, non-condensing
Signal Output:	4 - 20 ma linear (R loop 400 ohm max.) 0 - 10 VDC full scale standard (field adjustable to 1 - 10 VDC)
Visible Indicators:	Standard green "Power" LED indicator Optional 4-digit LCD digital display (.4" high)
Relay:	Optional 3 amps @ 24 VAC