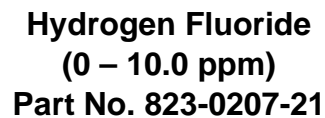


SENSALERT[®] PLUS

SENSIDYNE®



¹ When unit is calibrated and serviced at recommended intervals.

² Room Temperature, seasoned system.

³ Continuous or frequent exposure to target or interferent gases will shorten the life of the sensor.

⁴ Baseline Drifts are typically $\leq 5\%$ year

Cross-Interferences*

* Interference factors may differ from sensor to sensor, it is not advisable to calibrate with interferent gases.

** Exposure can damage sensor.

Special Calibration Considerations:

Hydrogen Fluoride (PN 823-0207-21)

Zeroing The Sensor

It is recommended that this sensor be zeroed in clean ambient air or Zero Air moisturized to ambient conditions. If dry air is used the sensor can exhibit a positive spike that could set off alarms. If dry Zero Air is used it should be allowed to run over the sensor for 3 to 5 minutes for the sensor output to equilibrate.

Span Calibration

It is recommended that this sensor be calibrated at the half-scale concentration of 5 ppm HF if possible. If accuracy is not an issue, HCl gas may be used as a span gas with a 37% cross-interference factor. It is recommended that the sensor undergo a 3 to 5 minute pre-calibration exposure in order to season the calibration system. This pre-exposure ensures that the gas reaches the sensor at full concentration. The use of Teflon™ or HDPE tubing is recommended with this gas to prevent gas absorption into the tubing walls. Complete span calibration instructions are provided in the SensAlert^{Plus} User Manual or SensAlert ASI User Manual.

Test-on-Demand Cell

There is no Test-on-Demand cell available for this sensor.