

**Carbon Monoxide CO** (Selective)

**No. N10-102-18**



	Extended Range	Standard Range	Extended Range
Range (ppmv)	2.5 - 50	5 - 100	15 - 300
No. of Pump Strokes	6	3	1
Sample Volume (mL)	600	300	100
Sample Time (min)	6 x 2	3 x 2	2
Correction Factor	0.5	1	3.0

**Precision (Relative Standard Deviation)\*:**  $\leq \pm 15\%$

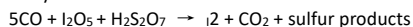
**Linearity with No. of Pump Strokes:**  $r^2 = 0.999$  Humidity: No effect 5 - 100% RH.

**Temperature Range:** No effect between 0 - 40°C (32 - 104°F)

**Storage Life:** 2 years in darkness at 5 - 25° C (40 - 77° F). Refrigeration preferred.

**Color Change:** White → Light Brown

**Reaction Principle:** Pre layer removes most interferences



<b>Cross-sensitivity:</b> Substance	Concentration (ppmv)	Apparent Reading*
H <sub>2</sub>	100%	0
NO	100	0
H <sub>2</sub> S	50	0
NH <sub>3</sub>	300	0
CH <sub>4</sub>	25000	0
Hexane	100	12
Isobutylene	100	0
Toluene	100	0
Trichloroethylene	25	16**

\* Data based on NAGCO pumps and tubes used in standard range.

\*\*Very light blue.

**Other Possible Interferences:** Other hydrocarbons; most organic vapor interferences are eliminated by the pretreatment layer.