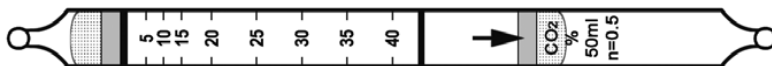


Carbon Dioxide CO₂

No. N10-104-60



	Extended Range	Extended Range	Standard Range
Range (%)	1.25 - 10%	2.5 - 20%	5 - 40%
No. of Pump Strokes	2	1	0.5
Sample Volume (mL)	200	100	50
Sample Time (min)	2 x 1.5	1.5	1
Correction Factor	0.33	0.6	1

Precision (Relative Standard Deviation)*: $\leq \pm 10\%$

Humidity: No effect 5 - 100% RH

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

Storage Life: 3 years in darkness at 5 - 25° C (40 - 77° F). Refrigeration preferred.

Color Change: White → Purple

Reaction Principle: CO₂ + H₂NNH₂ → H₂NNHCO₂H (pH indicator change)

Cross-sensitivity: Substance	Concentration (ppmv)	Apparent Reading*
CO	40000	0
SO ₂	4000	0.5
NO	100	0
NH ₃	500	0
CH ₄	25000	0
H ₂ S	10000	0
Hexane	1200	0
Isobutylene	100	0
Toluene	100	0

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

Other Possible Interferences: Acid gases

rences: Other aromatics.