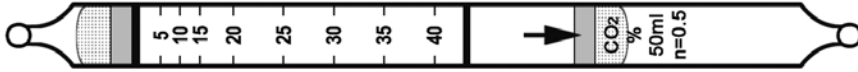


# Carbon Dioxide CO<sub>2</sub> No. H-10-104-60



	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)\*: ≤ ± 10%

Humidity: No effect 5 - 100% RH

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

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

Color Change: White → Purple

Reaction Principle: CO<sub>2</sub> + H<sub>2</sub>NNH<sub>2</sub> → H<sub>2</sub>NNHCO<sub>2</sub>H (pH indicator change)

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

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

Other Possible Interferences: Acid gases