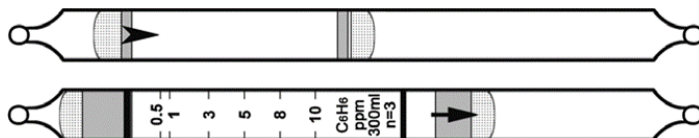


Benzene Specific C₆H₆

No. N10-101-01



	Extended Range	Standard Range	Extended Range
Range (ppmv)	0.25 - 5	0.5-10	1.5 - 30
No. of Pump Strokes	6	3	1
Sample Volume (mL)	600	300	100
Sample Time (min)	6 x 3	3 x 3	3
Correction Factor	0.27	1	4

Precision (Relative Standard Deviation)*: $\leq \pm 12\%$

Humidity: No effect 0 - 95% RH

Temperature Range: 0 - 40°C (32 - 104°F)

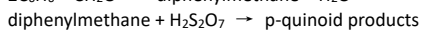
Temp (°C/°F) 0/32 10/50 25/77 40/104

Corr. Factor 2.7 1.6 1.0 0.6

Storage Life: 1 year in darkness at 5 - 25° C (40 - 77° F). Refrigeration preferred.

Color Change: White → Brown

Reaction Principle: Pre tube removes interferences



Cross-sensitivity: Substance	Concentration (ppmv)	Apparent Reading*
Isobutylene	100	0
n-Hexane	500#	0
n-Heptane	100	0
Toluene	100	0
m-Xylene	50	0
m-Xylene	100	5
CH ₄	25000	0
CO	10	0
H ₂ S	25	0

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

Hexane above 100 ppm will reduce the benzene response.

Other Possible Interferences: Hydrocarbons and similar reducing gases.