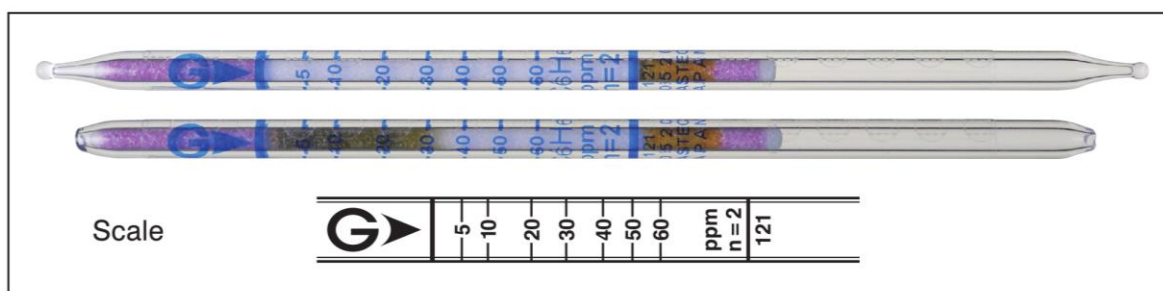


**Benzene C₆H₆****Part No.:121****Benzene C₆H₆****No.121****Performance**

Measuring range	2.5 to 5 ppm	5 to 60 ppm	60 to 120 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1	2
Sampling time	6 min	3 min	1.5 min
Detecting limit :	0.5 ppm (4 pump strokes)		
Colour change :	White → Dark green		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	10 % (for 5 to 20 ppm) , 5 % (for 20 to 60 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Changes colour by itself to
Aromatic hydrocarbons	≥ 2000 ppm $\leq 1\%$	+	Dark green
Esters		+	No
Alcohols, Ketones		No	No
Aliphatic hydrocarbons		No	Pale brown

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Diisobutylene	Factor : 9	1	45 to 540 ppm
α -Pinene	Factor : 19	3	95 to 1140 ppm

Calibration gas generation

Diffusion tube method