



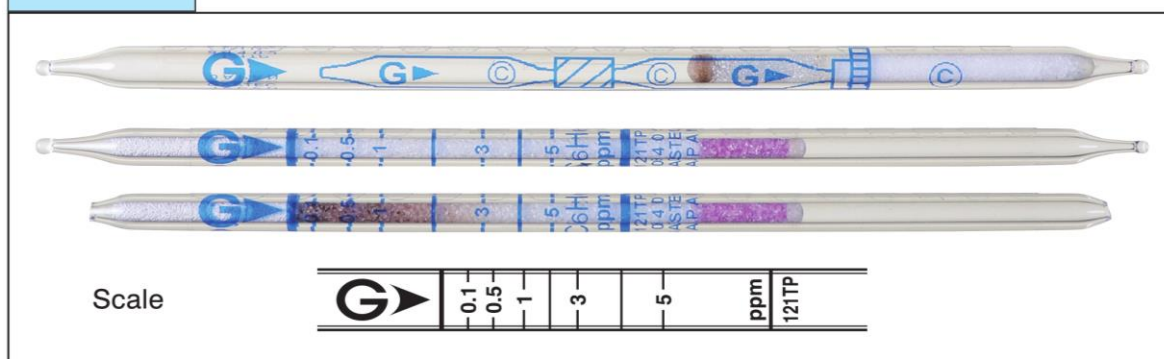
Benzene C₆H₆

Part No.:121TP

Detector tube

Benzene C₆H₆

No.121TP



Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	0.1 to 5 ppm	5 to 14.5 ppm
Sampling rate	100 mL/min (1000 mL)	50 mL/min (500 mL)
Correction factor	1	2.9
Sampling time	10 min	10 min

Detecting limit : 0.08 ppm (1000 mL)

Colour change : White → Brown

Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used

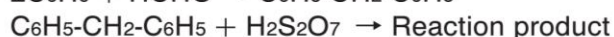
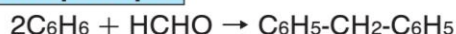
Relative humidity 0 to 90 % correction not used

Relative standard deviation : 5 % (for 0.1 to 1 ppm), 10 % (for 1 to 5 ppm)

Tube quantity and number of tests per box : 10 tubes for 5 tests

Shelf life : 27 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetone	≤ 1000 ppm	No	No (≤ 1000 ppm)
Ethyl benzene	≥ 7 ppm	+	Brown (≥ 7 ppm)
Ethylene	≥ 200 ppm	+	No (≤ 1000 ppm)
Xylene	≥ 200 ppm	+	Brown (≥ 200 ppm)
Toluene	≥ 75 ppm	+	Brown (≥ 75 ppm)
Hexane	≤ 500 ppm	No	No (≤ 1200 ppm)
Methanol	≤ 500 ppm	No	No (≤ 1000 ppm)

Calibration gas generation

Diffusion tube method