



Performance

Measuring range	0.82 to 2 ppm	2 to 50 ppm	50 to 100 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	0.41	1	2
Sampling time	6 min	3 min	1.5 min
Detecting limit :	0.5 ppm (4 pump strokes)		
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 :	10 % (for 2 to 20 ppm) , 5 % (for 20 to 50 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		+	Brown
Acetylene, Etylen, Hexane		No	} No
Alcohols, Esters, Ketones		No	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Cumene	by scale	2	2 to 100 ppm
Diethyl benzene	by scale	4	2 to 150 ppm
Ethyl benzene	by scale	2	1 to 70 ppm
Xylene	Factor : 4	1	100 to 200 ppm
	Factor : 2	2	4 to 100 ppm
	Factor : 1	4	2 to 4 ppm

Calibration gas generation

Diffusion tube method