



Performance The minimum scale value (10ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	4 to 10 ppm	(10) to 300 ppm	300 to 600 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	2.0
Sampling time	3 min	1.5 min	1 min

Detecting limit : 1 ppm (2 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 10 to 100 ppm) , 5 % (for 100 to 300 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	
Xylene	≧ 1/5	+	Brown	
Acetylene	≧ 2000 ppm	} (Two layers)		
Carbon monoxide	≧ 1000 ppm		+	} Pale brown (whole layer)
Hexane	≧ 2000 ppm		+	
Benzene	≧ 1/5	+	Pale yellow	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethyl benzene	Factor : 1.1	1	11 to 330 ppm

Calibration gas generation

Diffusion tube method