



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

Measuring range	5 to 10 ppm	(10) to 250 ppm	250 to 625 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.5
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 50 ppm), 5 % (for 50 to 250 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
Toluene	$\geq 1/5$	+	Brown
Acetylene, Hexane	≥ 2000 ppm	+ (Two layers)	
Carbon monoxide	≥ 1000 ppm	+ (Two layers)	Pale brown (Whole layer)
Benzene	$\geq 1/5$	+	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Trimethylbenzene	by scale	2	10 to 300 ppm

Calibration gas generation

Diffusion tube method