



**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 300 ppm	300 to 690 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.3
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	$\geq 1/5$	+	Brown
Acetylene	$\geq 2000$ ppm	} (Two layers)	} Pale brown (whole layer)
Carbon monoxide	$\geq 1000$ ppm		
Hexane	$\geq 2000$ ppm		
Benzene	$\geq 1/5$	+	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