



### Performance

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

Measuring range	0.1 to 10 ppm	10 to 65 ppm
Number of pump strokes	5 (500 ml)	1 (100 ml)
Correction factor	1	6.5
Sampling time	10 min	2 min

Detecting limit : 0.05 ppm (5 pump strokes)  
 Colour change : White → Dark green  
 Corrections for temperature & humidity : Unnecessary  
 Relative standard deviation : 10 % (for 0.1 to 3 ppm), 5 % (for 3 to 10 ppm)  
 Shelf life : 3 years

### Reaction principle



### Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		No	No
Ethyl benzene	≧ 1	+	Dark brown
Xylene	≧ 10 ppm	+	Dark brown around zero point
Toluene	≧ 1	+	Dark brown
Hexane	≧ 3 ppm	+ (Unclear demarcation)	No

### Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Methylene Iodide	Factor : 2.2	5	0.22 to 22 ppm
Methyl Iodide	Factor : 3.2	5	0.32 to 32 ppm

### Calibration gas generation

Permeation tube method