

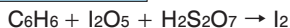
Performance

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

Measuring range	1 to 20 ppm	20 to 100 ppm
Number of pump strokes	5 (500 mL)	1 (100 mL)
Correction factor	1	5
Sampling time	10 min	2 min

Detecting limit : 0.25 ppm (5 pump strokes)
 Colour change : White → Dark green
 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 : 20 % (for 1 to 5 ppm), 15 % (for 5 to 20 ppm)
 Tube quantity and number of tests per box : 10 tubes for 5 tests
 Shelf life : 36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hexane	≧ 50 ppm	No	} No
Toluene	≧ 100 ppm	No	
Xylene	≧ 150 ppm	No	

Aromatic hydrocarbons other than benzene are trapped in the brown layer in the pretreatment tube. If the pretreatment reagent is entirely consumed (whole brown layer turns to dark brown), a higher reading will be given.

Calibration gas generation

Diffusion tube method