

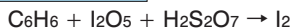
Performance

When used, these tubes are to be connected.

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
 Operating conditions: Temperature 0 to 35 °C (32 to 95 °F) correction not used
 Relative humidity 0 to 85 % correction not used
 Relative standard deviation : 10 % (for 0.1 to 3 ppm), 5 % (for 3 to 10 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
Alcohols, Ketones		No	No
Ethyl benzene	≡ 1/1	+	Blackish brown
Xylene	≡ 10 ppm	+	Blackish brown around zero point
Toluene	≡ 1/1	+	Blackish 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