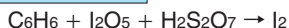


Performance

Measuring range	2.5 to 5 ppm	5 to 60 ppm	60 to 120 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1	2
Sampling time	6 min	3 min	1.5 min

Detecting limit :	0.5 ppm (4 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 :	10 % (for 5 to 20 ppm), 5 % (for 20 to 60 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
Aromatic hydrocarbons		+	Dark green
Esters	≥ 2000 ppm	+	No
Alcohols, Ketones	≤ 1%	No	No
Aliphatic hydrocarbons		No	Pale brown

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Diisobutylene	Factor : 9	1	45 to 540 ppm
α-Pinene	Factor : 28	3	140 to 1680 ppm

Calibration gas generation

Diffusion tube method