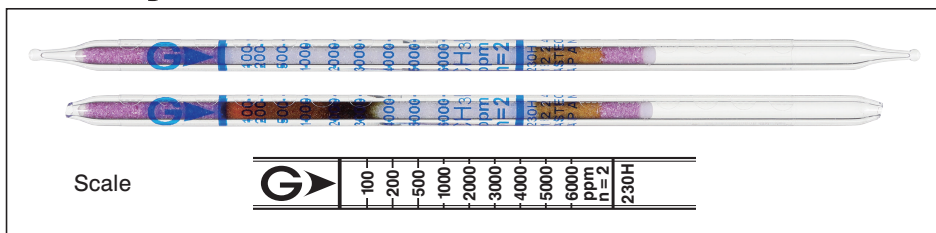


Methyl iodide CH₃I

No.230H

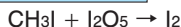


Performance

Measuring range	100 to 6000 ppm	6000 to 15000 ppm	15000 to 34800 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.5	5.8
Sampling time	3 min	1.5 min	45 sec

Detecting limit :	5 ppm (2 pump strokes)
Colour change :	White → Dark brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 10 to 90 % correction not used
Relative standard deviation :	5 % (for 100 to 6000 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Carbon monoxide	≥ 20 ppm	+	Pale brown (pale green at the end of staining)
Carbon dioxide		No	No
Ethylene		+	Pale yellow
Hexane		+	Pale orange

Calibration gas generation

Diffusion tube method