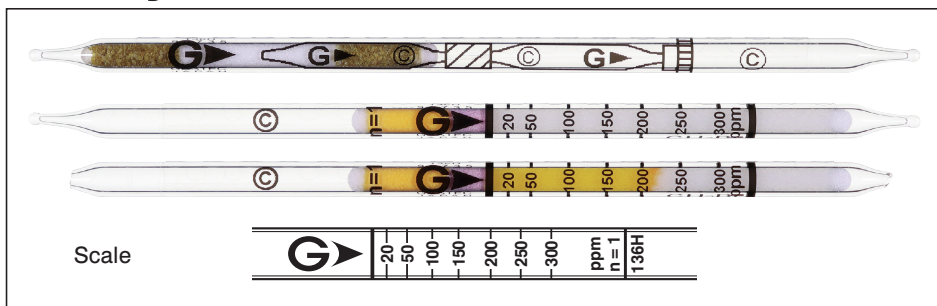


Methyl Bromide CH₃Br

No.136H



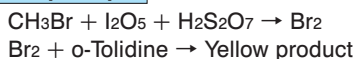
Performance

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

Measuring range	10 to 20 ppm	20 to 300 ppm	300 to 600 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	3 min	1.5 min	45 sec

Detecting limit :	4 ppm (2 pump strokes)
Colour change :	White → Yellow
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 20 to 100 ppm), 5 % (for 100 to 300 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
Bromine		+	Yellow
Chlorine		+	
Nitrogen oxides		+	
Saturated halogenated hydrocarbons		+	

Carbon tetrachloride and unsaturated halogenated hydrocarbons are trapped in the pretreatment tube.

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
n-Butyl bromide	Factor : 1.2	1	24 to 360 ppm
1,2-Dibromoethane	Factor : 0.7	1	14 to 210 ppm
Chlorobromomethane	Factor : 0.9	1	18 to 270 ppm

Calibration gas generation

High pressure gas cylinder method