

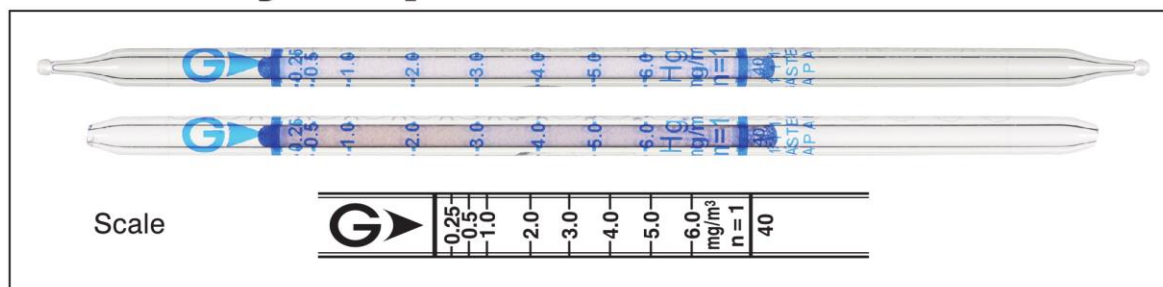


Mercury Vapour Hg

Part No.:40

Mercury Vapour Hg

No.40



Performance

Measuring range	0.05 to 0.25 mg/m ³	0.25 to 6.0 mg/m ³	6.0 to 13.2 mg/m ³
Number of pump strokes	5 (500 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/5	1	2.2
Sampling time	7.5 min	1.5 min	45 sec
Detecting limit :	0.01 mg/m ³ (5 pump strokes)		
Colour change :	White → Pale orange		
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 0.25 to 2 mg/m ³), 5 % (for 2 to 6 mg/m ³)		
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
Hydrogen sulphide		+	Pale orange (whole layer)
Chlorine		+	} Pale orange
Nitrogen dioxide		+	

Calibration gas generation

Vapour pressure method