

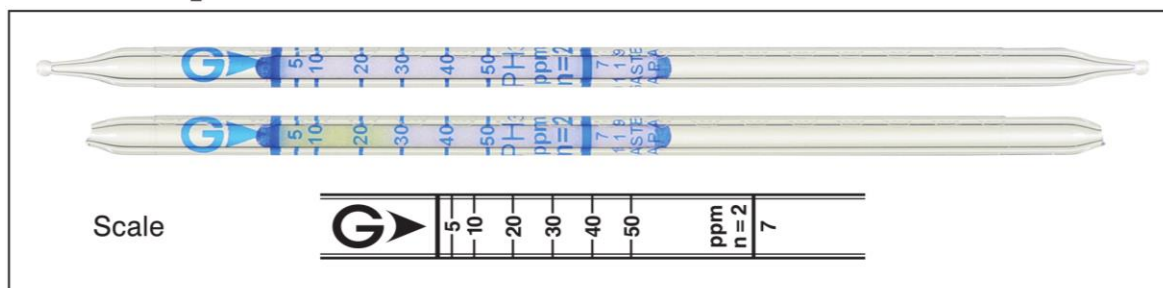


Phosphine PH₃

Part No.: 7

Phosphine PH₃

No.7



Performance

Measuring range	2.5 to 5 ppm	5 to 50 ppm	50 to 100 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 → Pale 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 5 to 10 ppm) , 5 % (for 10 to 50 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
Hydrogen sulphide	≥ 10 ppm	+	Blackish brown
Arsine	≥ 20 ppm	+	} Brown
Hydrogen selenide	≥ 20 ppm	+	

Calibration gas generation

High pressure gas cylinder method