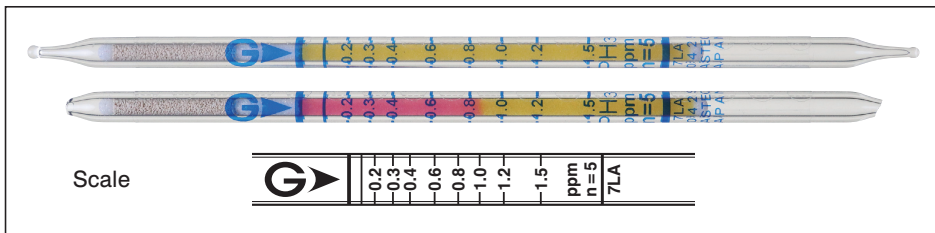


Phosphine PH₃

No.7LA

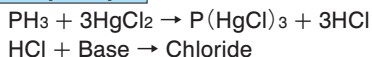


Performance The minimum scale value (0.1ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.05 to 0.1 ppm	(0.1) to 1.5 ppm	1.5 to 2.5 ppm	2.5 to 9.8 ppm
Number of pump strokes	10 (1000 mL)	5 (500 mL)	3 (300 mL)	1 (100 mL)
Correction factor	1/2	1	1.7	6.5
Sampling time	15 min	7.5 min	4.5 min	1.5 min

Detecting limit : 0.02 ppm (10 pump strokes)
 Colour change : Yellow → Red
 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 0.1 to 0.4 ppm) , 5 % (for 0.4 to 1.5 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
Arsine	≧ 1/10	+	Red
Diborane		No	} No
Hydrogen chloride		No	

Calibration gas generation

High pressure gas cylinder method