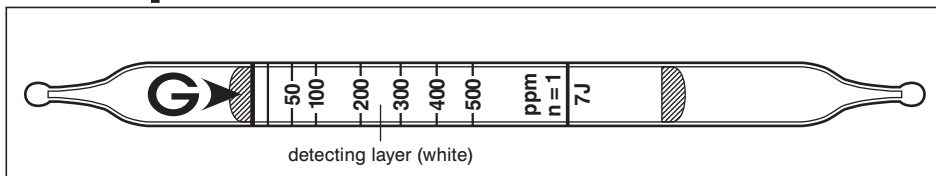


Phosphine PH₃

No.7J



Performance The minimum scale value (25ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	2.5 to 25 ppm	(25) to 500 ppm	500 to 1000 ppm
Number of pump strokes	2 to 10 (200 to 1000 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2 to 1/10	1	2
Sampling time	2 to 10 min	1 min	30 sec

Detecting limit : 1 ppm (10 pump strokes)

Colour change : White → Pale yellow

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 25 to 100 ppm), 5 % (for 100 to 500 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide	≧ 1/5	+	Dark brown
Arsine	≧ 1/3	+	} Brown
Hydrogen selenide	≧ 1/5	+	

Calibration gas generation

High pressure gas cylinder method