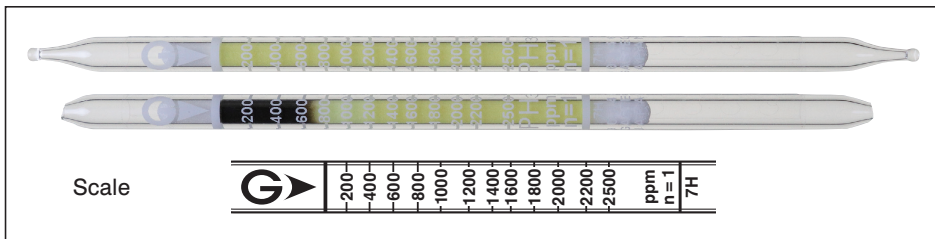


Phosphine PH₃

No.7H

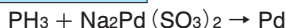


Performance

Measuring range	200 to 2500 ppm	2500 to 5500 ppm
Number of pump strokes	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.2
Sampling time	1 min	30 sec

Detecting limit :	5 ppm (1 pump stroke)
Colour change :	Yellow → Blackish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 200 to 800 ppm), 5 % (for 800 to 2500 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
Ammonia	≤ 2500 ppm	No	No
Carbon monoxide		+	Blackish brown from 5 ppm
Carbon dioxide	≤ 2 %	No	No

Calibration gas generation

High pressure gas cylinder method