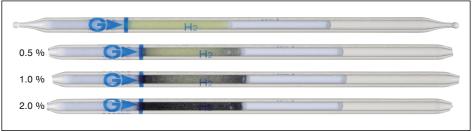
Hydrogen H₂



Performance

Measuring range	0.5 to 2 %		
Number of pump strokes	1 (100 mL)		
Correction factor	1		
Sampling time	3 min		
Detecting limit :	0.5 % (1 pump stroke)		
Colour change :	Yellow → Yellowish brown		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used		
	Relative humidity 0 to 90 % correction not used		
Tube quantity and number of tes	ts per box: 10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle

 $H_2 + Na_2Pd(SO_3)_2 \rightarrow Pd + Na_2SO_3 + H_2SO_3$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetylene		Two layers	J
Carbon monoxide		(yellowish brown	Blackish brown
Hydrogen sulphide		& dark brown)	J
Ethylene		+	Yellowish brown

Calibration gas generation

High pressure gas cylinder method

Special note

This is not a direct reading tube. Concentrations should be determined by using the concentration chart attached with this tube.