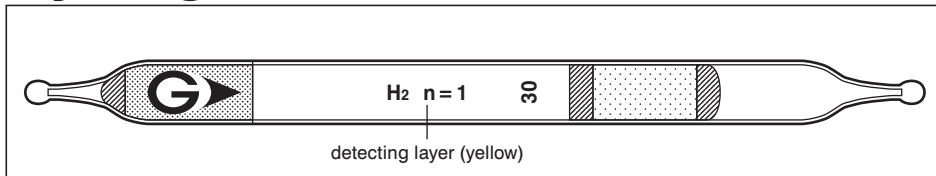


Hydrogen H₂

No.30



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
Corrections for temperature & humidity :	Unnecessary
Shelf life :	3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetylene		} Two layers (yellowish brown & dark brown)	} Dark brown
Carbon monoxide			
Hydrogen sulphide			
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.