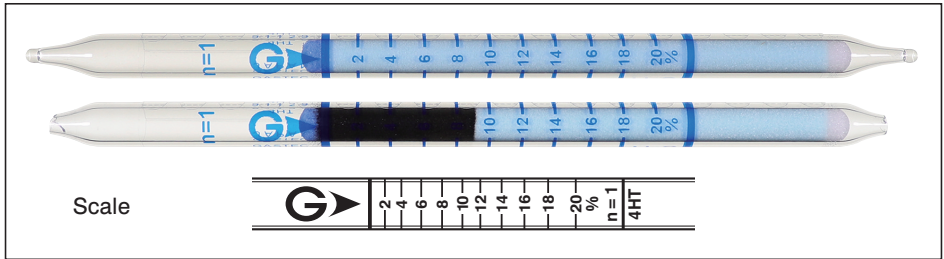


Hydrogen Sulphide H_2S

No.4HT



Performance

Measuring range	1 to 2 %	2 to 20 %	20 to 40 %
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	3 min	1.5 min	45 sec

Detecting limit :	0.2 % (2 pump strokes)
Colour change :	Pale blue → Blackish brown
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 2 to 6 %), 5 % (for 6 to 20 %)
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
Mercaptans	≧ 10 %	+	} No
Sulphur dioxide	≧ 5 %	-	

Calibration gas generation

High pressure method