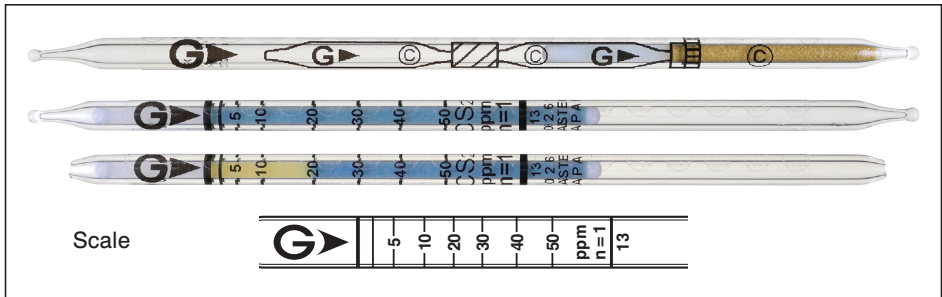


Carbon Disulphide CS₂

No.13



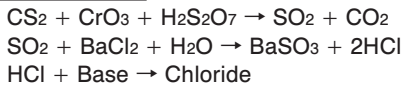
When used, these tubes are to be connected.

Performance The minimum scale value (2.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.63 to 1.25ppm	1.25 to 2.5ppm	(2.5) to 50 ppm	50 to 100 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.25	0.5	1	2.0
Sampling time	12 min	6 min	3 min	1.5 min

Detecting limit : 0.3 ppm (4 pump strokes)
 Colour change : Blue → Yellow
 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 2.5 to 10 ppm) , 5 % (for 10 to 50 ppm)
 Tube quantity and number of tests per box : 10 tubes for 5 tests
 Shelf life : 36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Sulphur dioxide	≥ 1/5	+	Yellow
Ammonia		No	No
Hydrogen cyanide	≤ 200 ppm	No	No

Hydrogen Sulphide is trapped in the pretreatment layer.

Calibration gas generation

Diffusion tube method