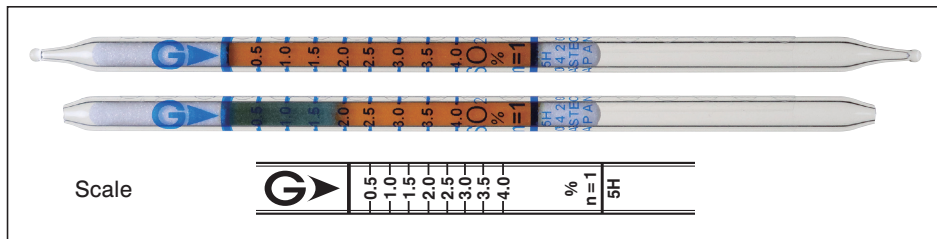


Sulphur Dioxide SO₂

No.5H

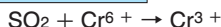


Performance

Measuring range	0.05 to 0.5 %	0.5 to 4.0 %	4.0 to 8.0 %
Number of pump strokes	2 to 10 (200 to 1000mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2 to 1/10	1	2
Sampling time	1.5 to 7.5 min	45 sec	30 sec

Detecting limit :	0.01 % (10 pump strokes)
Colour change :	Orange → Green
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 0.5 to 1 %), 5 % (for 1 to 4 %)
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
Hydrogen sulphide	≥ 500 ppm	+	No
Carbon dioxide		No	
Carbon monoxide		No	
Nitrogen dioxide		No	

Calibration gas generation

High pressure gas cylinder method