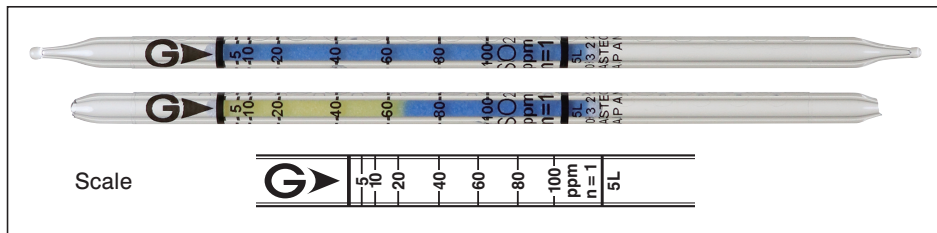


Sulphur Dioxide SO₂

No.5L

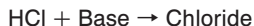


Performance

Measuring range	1.25 to 2.5 ppm	2.5 to 5 ppm	5 to 100 ppm	100 to 200 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/4	1/2	1	2
Sampling time	3 min	1.5 min	45 sec	30 sec

Detecting limit :	0.25 ppm (4 pump strokes)
Colour change :	Blue → Yellow
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 5 to 20 ppm), 5 % (for 20 to 100 ppm)
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
Nitrogen dioxide	$\geq 1/1$	+	Pale purple
Carbon dioxide		No	
Carbon monoxide		No	No
Hydrogen sulphide		No	
Nitric oxide		No	

Calibration gas generation

Permeation tube method