

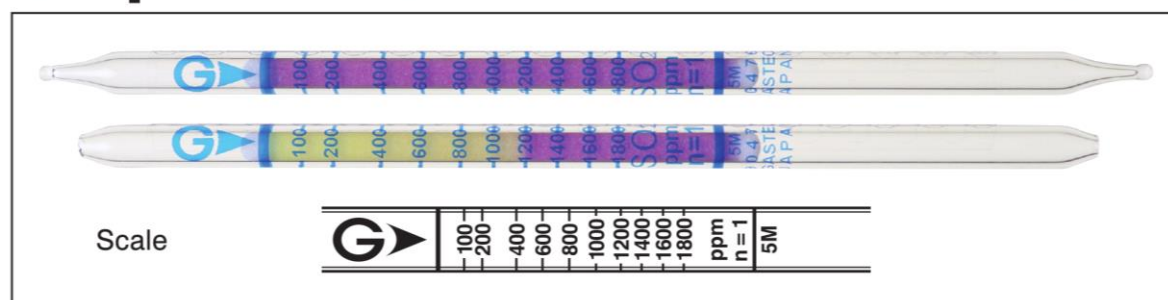


Sulphur Dioxide SO₂

Part No.: 5M

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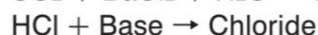
No.5M



Performance

Measuring range	20 to 100 ppm	100 to 1800 ppm	1800 to 3600 ppm
Number of pump strokes	4 (400 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/5	1	2
Sampling time	3 min	45 sec	30 sec
Detecting limit :	4 ppm (4 pump strokes)		
Colour change :	Purple → 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 100 to 600 ppm), 5 % (for 600 to 1800 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	$\geq 1/10$	+	White (≥ 600 ppm)
Hydrogen sulphide	≥ 10 times	-	No
Carbon dioxide		No	
Carbon monoxide		No	
Nitric oxide		No	

Calibration gas generation

High pressure gas cylinder method