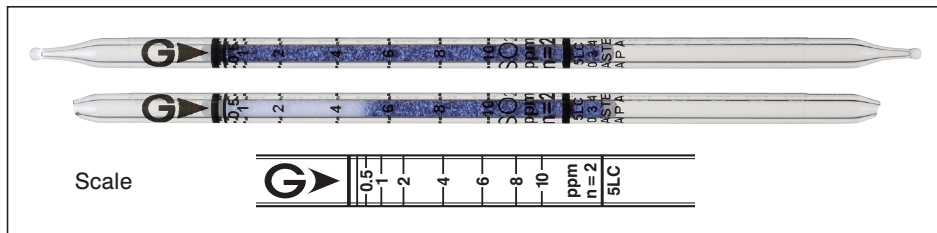


# Sulphur Dioxide SO<sub>2</sub>

No.5LC

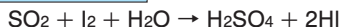


**Performance** The minimum scale value (0.25ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.1 to 0.25 ppm	(0.25) to 10 ppm	10 to 22 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	0.4	1	2.2
Sampling time	8 min	4 min	2 min

Detecting limit : 0.02 ppm (4 pump strokes)  
 Colour change : Bluish purple → White  
 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 0.25 to 2 ppm), 5 % (for 2 to 10 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
Hydrogen sulphide	≥ 1/10	+	White, Unclear demarcation
Nitrogen dioxide		– (Unclear demarcation)	Brown (approx. 1 mm long from the inlet)

## Calibration gas generation

Permeation tube method

## Special note

This detector tube is suitable for measuring sulphur dioxide coexisting with nitrogen, carbon dioxide or sulphur hexafluoride.