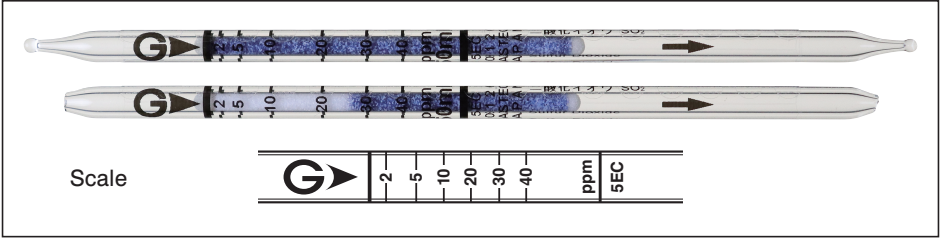


Sulphur dioxide SO₂

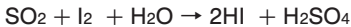
No.5EC



Performance

Measuring range	2 to 40 ppm
Number of pump strokes	1 (50mL)
Correction factor	1
Sampling time	45 sec
Detecting limit :	0.4 ppm (1 pump stroke)
Colour change :	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 2 to 10 ppm), 5 % (for 10 to 40 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		— (unclear demarcation)	
Hydrogen sulphide	≥ 1/10	+	White (unclear demarcation)

Calibration gas generation

Permeation tube method