



Sulphuryl Fluoride SO₂F₂

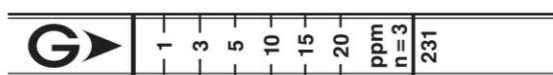
Part No.: 231

Pyrotube

Sulphuryl Fluoride SO₂F₂ No.231



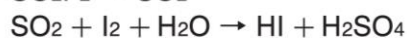
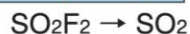
Scale



Performance

Measuring range	1 to 20 ppm
Number of pump strokes	3 (300 mL)
Correction factor	1
Sampling time	6 min
Detecting limit :	0.4 ppm (3 pump stroke)
Colour change :	Bluish purple → White
Operating conditions :	Temperature 0 to 35 °C (32 to 95 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 1 to 20 ppm)
Tube quantity and number of tests per box :	9 tubes for 4 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Sulphur dioxide	≥ 0.04 ppm	+	White (≥ 0.05 ppm)
Carbon dioxide	≤ 5 %	No	No
Chloropicrin (CP)	≤ 50 ppm	No	No (≤ 50 ppm)
Methyl isothiocyanate (MITC)	≤ 50 ppm	No	No (≤ 50 ppm)
Low oxygen environment		+	No

Calibration gas generation

High pressure gas cylinder method