SF₆ Decomposition products



Part No. D5085838

Part No. (US): 804433

Performance:

Measurement Range	0.5 - 15 ppm (Expressed as SO ₂)			
Sample Volume	0.6 L			
Sampling Time & Flow Rate	5 min @ 0.12 l/min			
Relative Standard Deviation	Semiquantitative			
Colour Change	Violet → White			

Reaction Principle:

 SF_6 decomposition products + I_2 + $2H_2O \rightarrow H_2SO_4$ + 2HI

Operating Conditions:

Detector tubes can be used without compensation of the reading between 5° C and 35° C (41°F and 95°F) and up to 90% RH (36 mg/l at 35° C [95°F]).

General information and Cautions:

Evaluate indiction according to following table.

Scale value (SKT)	1	2	3	4	5	6	7	8	9
Concentration of SF - Decomposition (ppm)	0.5	1	2	3	4	6	9	12	15

- The sum of all reducing decomposition products will be expressed as sulfur dioxide (SO $_{\!2})\!.$

