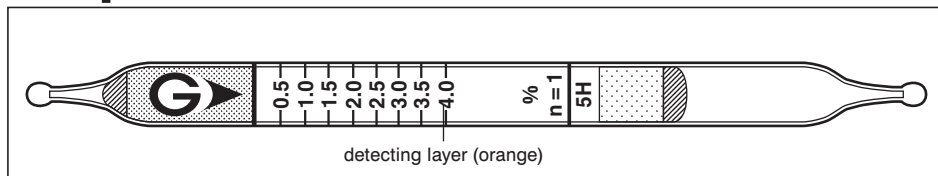


# Sulphur Dioxide SO<sub>2</sub>

No.5H

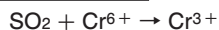


## Performance

Measuring range	0.05 to 0.5 %	0.5 to 4 %	4 to 8 %
Number of pump strokes	2 to 10 (200 to 1000ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2 to 1/10	1	2
Sampling time	1.5 to 7.5 min	45 sec	30 sec

Detecting limit : 0.01 % (10 pump strokes)  
 Colour change : Orange → Green  
 Corrections for temperature & humidity : Unnecessary  
 Relative standard deviation : 10 % (for 0.5 to 1 %), 5 % (for 1 to 4 %)  
 Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide	≥ 500 ppm	+	} No
Carbon dioxide		No	
Carbon monoxide		No	
Nitrogen dioxide		No	

## Calibration gas generation

High pressure gas cylinder method