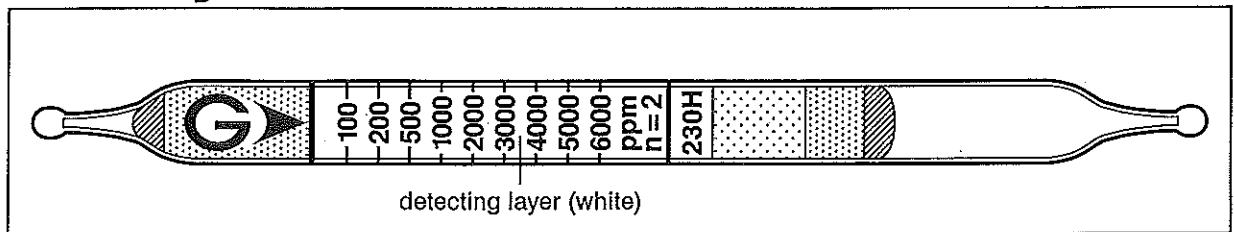


# Methyl iodide CH<sub>3</sub>I

No.230H

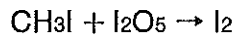


## Performance

Measuring range	100 to 6000 ppm	6000 to 15000 ppm	15000 to 34800 ppm
Number of pump strokes	2	1	1/2
Correction factor	1	2.5	5.8
Sampling time	3 min	1.5 min	45 sec

Detecting limit : 5 ppm (2 pump strokes)  
Colour change : White → Dark brown  
Corrections for temperature & humidity : Temperature correction is necessary  
Relative standard deviation : 5 % (for 100 to 6000 ppm)  
Shelf life : 2 years

## Reaction principle



## Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Carbon monoxide	≥ 20 ppm	+	Pale brown (pale green at the end of staining)
Carbon dioxide		No	No
Ethylene		+	Pale yellow
Hexane		+	Pale orange

## Calibration gas generation

Diffusion tube method