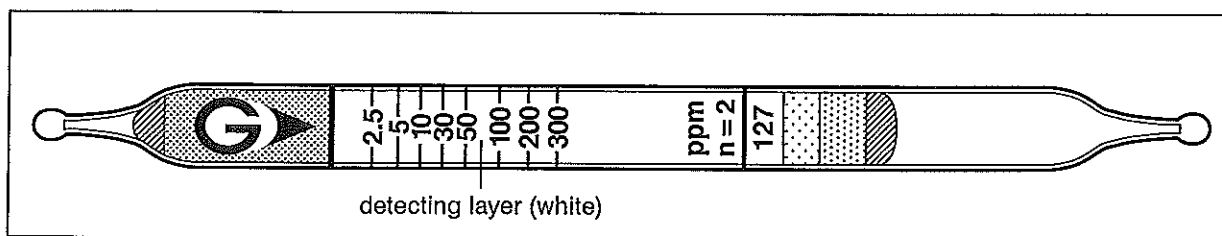


# o-Dichlorobenzene C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>

No. 127

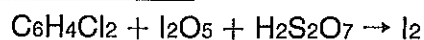


## Performance

Measuring range	2.5 to 300 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	3 min

Detecting limit : 1 ppm (2 pump strokes )  
 Colour change : White → Light brown  
 Corrections for temperature & humidity : Temperature correction is necessary.  
 Relative standard deviation : 10 % (for 2.5 to 100 ppm), 5 % (for 100 to 300 ppm)  
 Shelf life : 3 years

## Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Aromatic hydrocarbons		+	Light brown (whole layer)
Acetylene	≥ 0.2 %	+	
Carbon monoxide	≥ 0.1 %	+	
Ethylene, Esters	≥ 0.2 %	+	
Hexane	≥ 0.2 %	+	
Alcohols, Ketones	≥ 1 %	+	No

## Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
m-Dichlorobenzene	Factor : 1	2	2.5 to 300 ppm
p-Dichlorobenzene	Factor : 1	2	2.5 to 300 ppm

## Calibration gas generation

Diffusion tube method