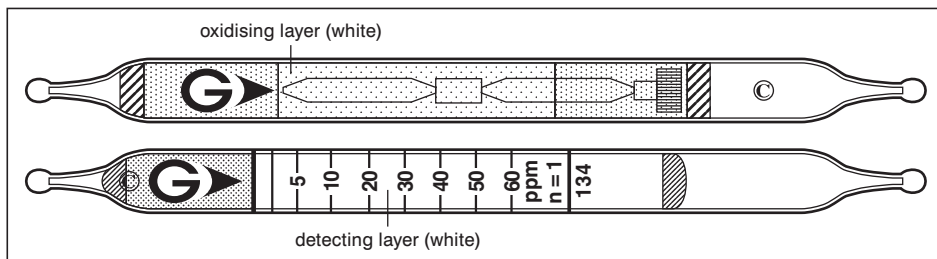


# Carbon Tetrachloride $\text{CCl}_4$

No.134



When used, these tubes are to be connected.

## Performance

The minimum scale value (2.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.5 to 2.5 ppm	(2.5) to 60 ppm
Number of pump strokes	2 to 5 (200 to 500 ml)	1 (100 ml)
Correction factor	1/2 to 1/5	1
Sampling time	2 to 5 min	1 min

Detecting limit : 0.2 ppm (5 pump strokes)

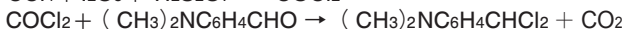
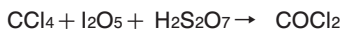
Colour change : White → Yellow

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 15 % (for 2.5 to 20 ppm), 10 % (for 20 to 60 ppm)

Shelf life : 1 year (in the refrigerator)

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Bromine, Chlorine	$\geq 50$ ppm	+	Yellow
Hydrogen chloride	$\geq 100$ ppm	+	
Methyl bromide	$\geq 100$ ppm	+	
1,1,1-Trichloroethane	$\geq 100$ ppm	+	
Chloroform		No	No
Methylene chloride		No	
Tetrachloroethylene		No	
Trichloroethane		No	
Vinyl chloride		No	

## Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Chloropicrin	Factor : 1.0	1	2.5 to 60 ppm

## Calibration gas generation

Diffusion tube method