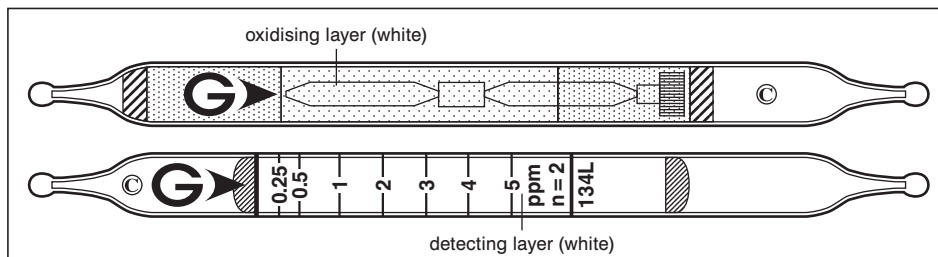


Carbon Tetrachloride CCl₄

No.134L



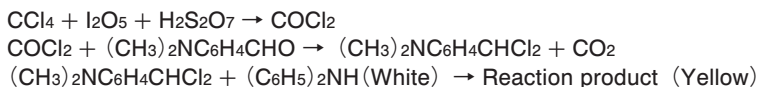
Performance

When used, these tubes are to be connected.

Measuring range	0.25 to 5 ppm	5 to 11 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1	2.2
Sampling time	4 min	2 min

Detecting limit : 0.04 ppm (2 pump strokes)
 Colour change : White → Yellow
 Corrections for temperature & humidity : Unnecessary.
 Relative standard deviation : 10 % (for 0.25 to 1 ppm), 5 % (for 1 to 5 ppm)
 Shelf life : 1 year (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen chloride		No	No
Chlorine, Bromine	≥ 3/10	+	No (≤ 0.04 ppm)
Methyl bromide	≥ 2.5 times	+	Pale yellow (≥ 2.5 ppm)
1,1,1-Trichloroethane	≥ 14 ppm	+	No (≤ 17 ppm)

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Chloropicrin	Factor : 1.1	2	0.28 to 5.5 ppm

Calibration gas generation

Diffusion tube method