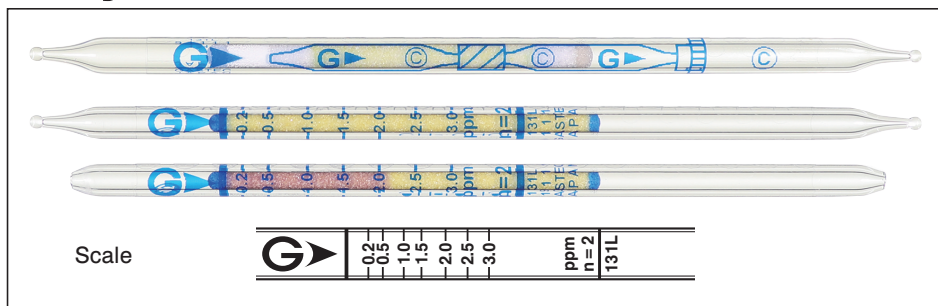


Vinyl Chloride CH₂:CHCl

No.131L



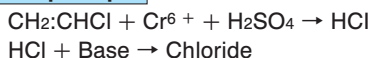
Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	0.1 to 0.2 ppm	0.2 to 3.0 ppm	3.0 to 6.9 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1	2.3
Sampling time	6 min	3 min	1.5 min

Detecting limit :	0.02 ppm (4 pump strokes)
Colour change :	Yellow → Reddish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.2 to 1 ppm), 5 % (for 1 to 3 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	30 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Tetrachloroethylene	≧ 1/3	+	} Reddish brown
Trichloroethylene	≧ 1/5	+	
Benzene, Toluene	≧ 200 ppm	-	} No
Ethylene	≧ 200 ppm	-	

Water vapour is trapped in the white layer of the pretreatment tube.

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Allyl chloride	Factor : 16	2	3.2 to 48 ppm
1,1,2,2-Tetrachloroethane	Factor : 10	2	2 to 30 ppm

Calibration gas generation

Permeation tube method