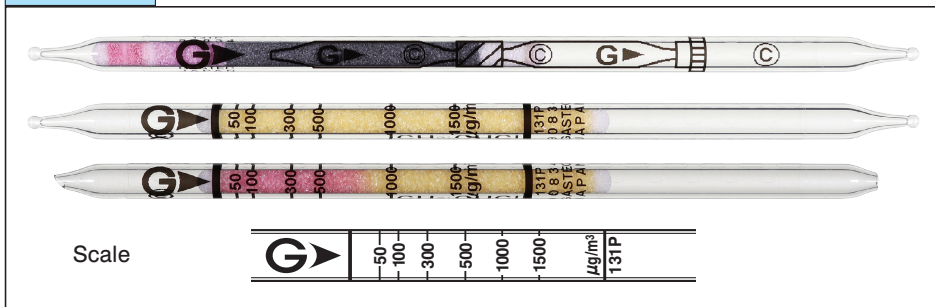


Detector tube

Vinyl Chloride $\text{CH}_2\text{:CHCl}$ No.131P

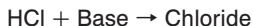
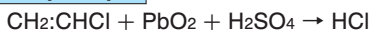


Performance

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

Measuring range	50 to 1500 $\mu\text{g}/\text{m}^3$
Sampling rate	100 mL/min (3000 mL)
Correction factor	1
Sampling time	30 min
Detecting limit :	10 $\mu\text{g}/\text{m}^3$ (3000 mL)
Colour change :	Yellow \rightarrow Pale reddish purple
Operating conditions :	Temperature 5 to 35 $^{\circ}\text{C}$ (41 to 95 $^{\circ}\text{F}$) correction used Relative humidity 20 to 80 % correction not used
Relative standard deviation :	10 % (for 50 to 500 $\mu\text{g}/\text{m}^3$), 5 % (for 500 to 1500 $\mu\text{g}/\text{m}^3$)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Interference	Changes colour by itself to
Ammonia	No	No
Hydrogen chloride, Chlorine	No	No
Nitrogen oxides	No	No
p-Dichlorobenzene	+	Pale reddish purple
1,2-Dichloroethylene	+	Pale reddish purple
Trichloroethylene	+	Pale reddish purple
Tetrachloroethylene	+	Pale reddish purple
1,1,1-Trichloroethane	No	No
Aromatic hydrocarbons	No	No
Formaldehyde	No	No

Calibration gas generation

Permeation tube method

Special note

In case of outdoor measurement, keep the tube out of direct sunlight.