

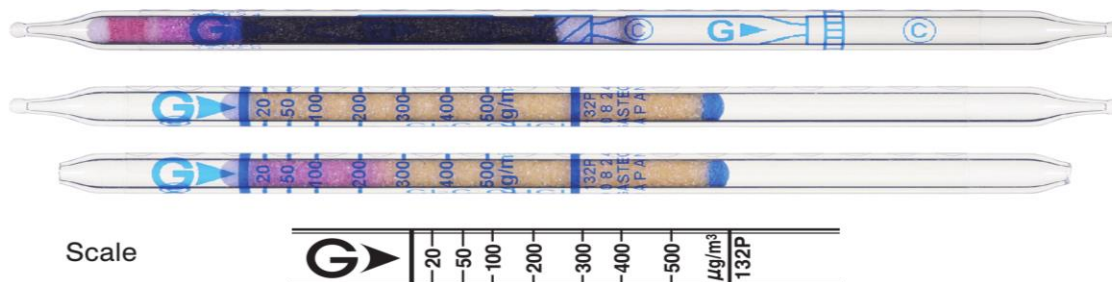


Trichloroethylene $\text{Cl}_2\text{C}:\text{CHCl}$

Part No.: 132P

Detector tube

Trichloroethylene $\text{Cl}_2\text{C}:\text{CHCl}$ No.132P

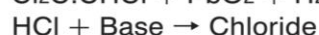


Performance

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

Measuring range	20 to 500 $\mu\text{g}/\text{m}^3$	500 to 1200 $\mu\text{g}/\text{m}^3$
Sampling rate	100 mL/min (3000 mL)	100 mL/min (1500 mL)
Correction factor	1	2.4
Sampling time	30 min	15 min
Detecting limit :	5 $\mu\text{g}/\text{m}^3$ (3000 mL)	
Colour change :	Yellow → Purple	
Operating conditions :	Temperature 5 to 40 °C (41 to 104 °F) correction used Relative humidity 20 to 80 % correction not used	
Relative standard deviation :	10 % (for 20 to 100 $\mu\text{g}/\text{m}^3$), 5 % (for 100 to 500 $\mu\text{g}/\text{m}^3$)	
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
Hydrogen chloride, Chlorine	No	No
Vinyl chloride	+	Purple
1,2-Dichloroethylene	+	Purple
Tetrachloroethylene	+	Purple
1,1,1-Trichloroethane	No	No
Toluene	No	No
Xylene	No	No

Calibration gas generation

Permeation tube method

Special note

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