

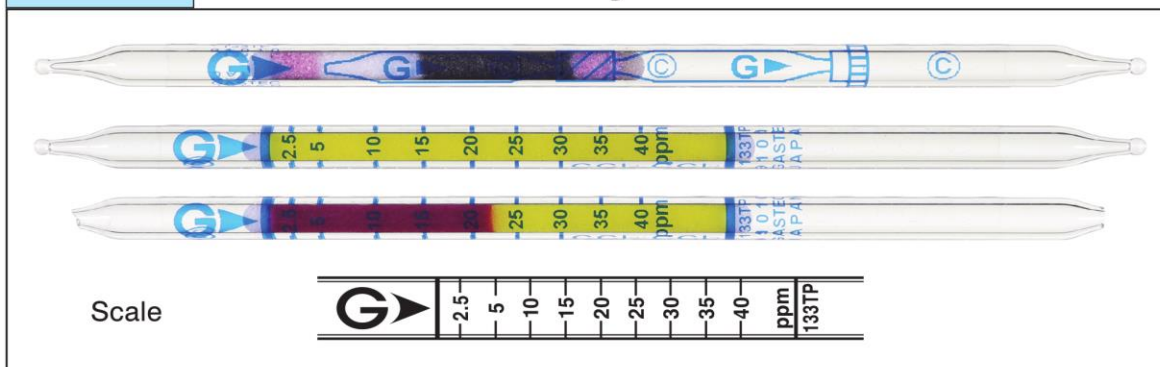


Tetrachloroethylene $\text{Cl}_2\text{C}:\text{CCl}_2$

Part No.: 133TP

Detector tube

Tetrachloroethylene $\text{Cl}_2\text{C}:\text{CCl}_2$ No.133TP

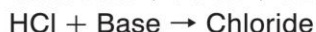


Performance

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

Measuring range	2.5 to 40 ppm	40 to 84 ppm
Sampling rate	100 mL/min (1000 mL)	50 mL/min (500 mL)
Correction factor	1	2.1
Sampling time	10 min	10 min
Detecting limit :	0.25 ppm (1000 mL)	
Colour change :	Yellow → Reddish purple	
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 2.5 to 15 ppm), 5 % (for 15 to 40 ppm)	
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	Concentration	Interference	Changes colour by itself to
Hydrogen chloride	$\geq 1/5$	+	Reddish purple
Chlorine	$\geq 1/10$	-	Pale yellow
Vinyl chloride	$\geq 1/5$	+	Reddish purple
1,2-Dichloroethylene	$\geq 1/5$	+	Reddish purple
Trichloroethylene	$\geq 1/5$	+	Reddish purple
1,1,1-Trichloroethane	≥ 800 ppm	No	No
Toluene, Xylene	≥ 20 ppm	-	No

Calibration gas generation

Diffusion tube method