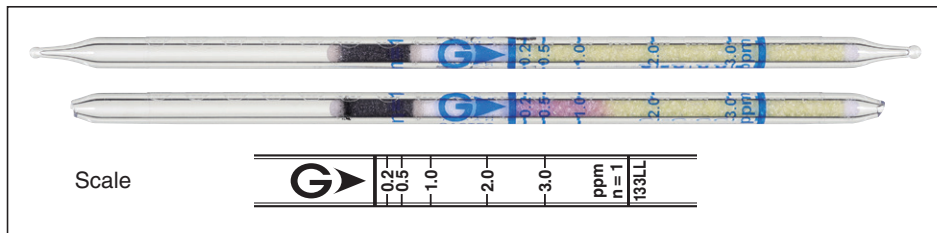


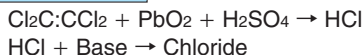
Tetrachloroethylene $\text{Cl}_2\text{C}:\text{CCl}_2$ No.133LL



Performance

Measuring range	0.1 to 0.2 ppm	0.2 to 3.0 ppm	3.0 to 6.6 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.2
Sampling time	3 min	1.5 min	45 sec
Detecting limit :	0.05 ppm (2 pump strokes)		
Colour change :	Yellow → 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 0.2 to 1 ppm), 5 % (for 1 to 3 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	24 months (in the refrigerator)		

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\geq 1/2$	+	} Purple
Hydrogen chloride	$\geq 1/2$	+	
1,2-Dichloroethylene		+	
1,1,1-Trichloroethane	≥ 80 ppm	No	No (≤ 80 ppm)
Toluene, Xylene		No	No

Calibration gas generation

Diffusion tube method

Special note

This detector tube can also be used with the Gastec Water Pollutant Analysis Systems to measure tetrachloroethylene in the water. With these systems, samples are collected by using a syringe.