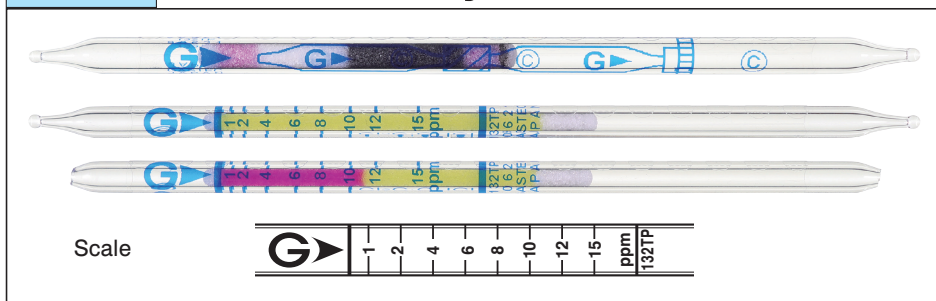




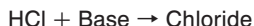
Performance

When used, these tubes are to be connected.

Measuring range	1 to 15 ppm	15 to 33 ppm
Sampling rate	100 mL/min (1000 mL)	50 mL/min (500 mL)
Correction factor	1	2.2
Sampling time	10 min	10 min

Detecting limit :	0.2 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 :	5 % (for 1 to 15 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	$\geq 1/10$	+	Reddish purple
Chlorine	$\geq 1/40$	—	White
Vinyl chloride	$\geq 1/10$	+	Reddish purple
1,2-Dichloroethylene	$\geq 1/10$	+	Reddish purple
Tetrachloroethylene	$\geq 1/20$	+	Reddish purple
1,1,1-Trichloroethane	≤ 400 ppm	No	No
Toluene, Xylene	≥ 10 ppm	—	No

Calibration gas generation

Diffusion tube method