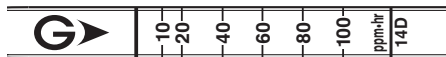


Scale



Performance

Measuring range	1 to 100 ppm
Sampling time	1 to 10 hours
Colour change :	Yellow → Purple
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used
	Relative humidity 30 to 80 % correction used
Relative standard deviation :	10 % (for 10 to 100 ppm·hr)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

Reaction principle

HCl + Base → Chloride

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\geq 1/5$	+	Bleaches zero zone
Nitric acid	$\geq 1/5$	+	} Purple
Hydrogen fluoride	$\geq 1/1$	+	

Other substances measurable with this Dosi-tube

Substance	Correction	Sampling time	Measuring range
Hydrogen fluoride	Factor : 2.5	} 1 to 10 hours	2.5 to 250 ppm
Nitric acid	Factor : 0.8		0.8 to 80 ppm

Calibration gas generation

Diffusion tube method