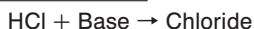
**Performance**

Measuring range	1 to 100 ppm
Sampling time	1 to 10 hours
Colour change :	Yellow → Purple
Corrections for temperature & humidity :	Temperature & humidity corrections are necessary.
Relative standard deviation :	10 % (for 10 to 100 ppm · hr)
Shelf life :	3 years

**Reaction principle****Possible coexisting substances and their interferences**

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