

**Performance**

Measuring range	0.5 to 100 ppm
Sampling time	1 to 10 hours
Colour change :	Purple → Yellow
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 5 to 100 ppm·hr)
Shelf life :	3 years

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

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen chloride		}	}
Nitric acid			
Chlorine			
Nitrogen dioxide			
Hydrogen cyanide			
Sulphur dioxide			
		+	Yellow

**Other substances measurable with this Dosi-tube**

Substance	Correction	Sampling time	Measuring range
Acetic anhydride	Factor : 0.6	} 1 to 10 hours	0.3 to 60 ppm
Formic acid	Factor : 1.1		0.55 to 110 ppm

**Calibration gas generation**

Diffusion tube method