

**Performance**

Measuring range :	0.1 to 30 ppm
Sampling time :	1 to 10 hours
Colour change :	White → Yellow
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 1 to 30 ppm·hr)
Shelf life :	1 year (in the refrigerator)

Reaction principle

NO₂ + o-Tolidine → Yellow product

Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Bromine		+	} Yellow
Chlorine		+	
Ammonia		No	} No
Carbon monoxide		No	
Nitric oxide		No	
Sulphur dioxide		No	
Organic gases & vapours		No	

Calibration gas generation

Permeation tube method