

**Performance**

Measuring range	0.1 to 30 ppm
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Sampling time	1 to 10 hours
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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 → Reaction product

Possible coexisting substances and their interferences

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