

Performance

Measuring range	0.4 to 1 ppm	1 to 25 ppm	25 to 62.5 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	0.4	1	2.5
Sampling time	6 min	3 min	1.5 min

Detecting limit : 0.1 ppm (4 pump strokes)

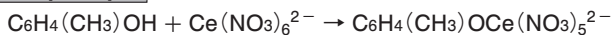
Colour change : Pale yellow → Gray

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 1 to 5 ppm), 10 % (for 5 to 25 ppm)

Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Phenol		+	} White
Amines	≧ 2000ppm	+	
Ammonia	≧ 2000ppm	+	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
m-Cresol	Factor : 1.0	2	1 to 25 ppm
p-Cresol	Factor : 1.0	2	1 to 25 ppm

Calibration gas generation

Diffusion tube method