

### Performance

Measuring range	0.05 to 0.1 ppm	0.1 to 5 ppm	5 to 20 ppm
Number of pump strokes	10 (1000 ml)	5 (500 ml)	1 (100 ml)
Correction factor	1/2	1	4
Sampling time	10 min	5 min	1 min

Detecting limit : 0.01 ppm (10 pump strokes)

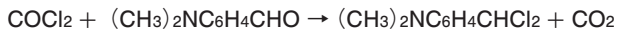
Colour change : White → Yellow

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 0.1 to 1 ppm), 5 % (for 1 to 5 ppm)

Shelf life : 1.5 years (in the refrigerator)

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\cong 1/2$	+	} Yellow
Hydrogen chloride	$\cong 1/10$	+	
Nitrogen dioxide	$\cong 1/5$	+	

### Calibration gas generation

Permeation tube method