

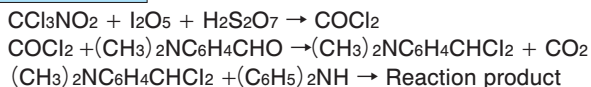
When used, these tubes are to be connected.

**Performance** The minimum scale value (0.1ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.045 to 0.1 ppm	(0.1) to 10 ppm	10 to 22 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.45	1	2.2
Sampling time	4 min	2 min	1 min

Detecting limit : 0.03 ppm (2 pump strokes)  
 Colour change : White → Yellow  
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used  
 Relative humidity 0 to 90 % correction not used  
 Relative standard deviation : 10 % (for 0.1 to 3.0 ppm) , 5 % (for 3.0 to 10.0 ppm)  
 Tube quantity and number of tests per box : 10 tubes for 5 tests  
 Shelf life : 12 months

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		No	} No
Carbon dioxide		No	
Carbon monoxide	$\cong 10$ ppm	-	
Ethylene oxide		No	
Formaldehyde		No	
Hydrogen cyanide		No	
Methyl bromide	$\cong 2$ ppm	+	Yellow ( $\cong 2$ ppm)
Phosphine		No	} No
Sulphuryl fluoride		No	
1,2-Dichloroethane		No	
Benzene		No	
Toluene		No	

### Calibration gas generation

Diffusion tube method