

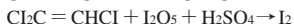
## 1. PERFORMANCE

- 1) Measuring range : 0.05-2.0 %  
Number of pump strokes : 1 (100ml)
- 2) Sampling time : 3 minutes/1 pump stroke
- 3) Detectable limit : 0.01 %
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (0 ~ 20 °C) (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : White → Yellow

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid. : 10% RSD-high : 10%

## 3. CHEMICAL REACTION



## 4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Tetrachloroethylene	Brown stain is produced.	0.2	Higher readings are given.
1,1,1-Trichloroethane	Orange stain is produced.	0.2	∕
1,2-Dichloroethylene	∕	0.1	∕
Vinyl chloride	∕	0.02	∕
Aromatic hydrocarbons	Dark brown stain is produced.	—	The accuracy of readings is not affected.
Carbon monoxide	Brownish-red stain is produced.	0.05	Higher readings are given.
Carbon tetrachloride	The accuracy of readings is not affected.		The accuracy of readings is not affected.

TEMPERATURE CORRECTION TABLE

Tube Readings (%)	Corrected Concentration (%)			
	0 °C (32 °F)	5 °C (41 °F)	10 °C (50 °F)	20 °C-40 °C (68-104 °F)
2.0	—	2.7	2.3	2.0
1.8	—	2.4	2.1	1.8
1.6	—	2.1	1.9	1.6
1.4	2.4	1.8	1.6	1.4
1.2	1.9	1.55	1.4	1.2
1.0	1.5	1.3	1.15	1.0
0.8	1.2	1.0	0.9	0.8
0.6	0.9	0.75	0.7	0.6
0.4	0.6	0.5	0.45	0.4
0.2	0.3	0.25	0.22	0.2
0.1	0.15	0.13	0.11	0.1
0.05	0.06	0.05	0.05	0.05