

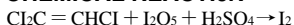
1. PERFORMANCE

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|-----------------------------|--|------------|
| 1) Measuring range | : 0.05-1.0 % | 0.1-2.0 % |
| Number of pump strokes | 1 (100mℓ) | 1/2 (50mℓ) |
| 2) Sampling time | : 1.5 minutes/1 pump stroke | |
| 3) Detectable limit | : 0.005 % (100mℓ) | |
| 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 (The top of discoloured layer is pale green.) | |

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

(NOTE)

In case of 1/2 pump strokes, following formula is available for the actual concentration.

Actual concentration = 2 × Temperature corrected value

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)
1.0	1.45	1.3	1.2	1.0
0.8	1.2	1.05	0.95	0.8
0.4	0.65	0.55	0.45	0.4
0.2	0.3	0.25	0.22	0.2
0.1	0.13	0.11	0.11	0.1
0.05	0.05	0.05	0.05	0.05