

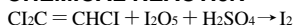
## 1. PERFORMANCE

- |                             |  |            |
|-----------------------------|--|------------|
| 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                 |