



## 1. PERFORMANCE

- |                             |   |
|-----------------------------|---|
| 1) Measuring range          | : 2-24 %  |
| 2) Sampling time            | : 1 minute  |
| 3) Shelf life               | : 2 years   |
| 4) Operating temperature    | : 0 ~ 40 °C   |
| 5) Temperature compensation | : (Necessary (0 ~ 10/30 ~ 40 °C) (Refer to "SPECIAL NOTE")) |
| 6) Reading                  | : Direct reading from the scale printed on the tube         |
| 7) Colour change            | : White → Brown   |

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 5 %    RSD-mid. : 5 %    RSD-high : 5 %

## 3. CHEMICAL REACTION

Oxygen reacts with alkaline pyrogallol.

## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. PRESET/MEASUREMENT CONDITIONS

### PRESET CONDITION

- |                 |                                    |
|-----------------|------------------------------------|
| 1) 2nd pressure | : 0.6 kgf/cm <sup>2</sup> (60 Kpa) |
| 2) Flow rate    | : 2.0 ℓ/min.                       |

### MEASUREMENT CONDITION

- |                    |         |
|--------------------|---------|
| 1) Sampling amount | : 50 mℓ |
|--------------------|---------|

### SPECIAL NOTE

- 1) TEMPERATURE COMPENSATION :
  - At 0 °C (32 °C) to 10 °C (86 °C), multiply the reading value by 1.05.
  - At 30 °C (86 °C) to 40 °C (104 °C), multiply the reading value by 0.95.
- 2) The sampling is made with an optional 50mℓ plastic syringe which collects accurate sampling volume in 50mℓ and 1mℓ vinyl tube which connects the syringe and the detector rubber, is recommendable in order to prevent influence by ambient oxygen.
- 3) Pressure regulator of which diaphragm is made of stainless steel or Teflon coated rubber, is recommendable in order to prevent influence by ambient oxygen.