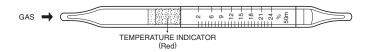
OXYGEN



1. PERFORMANCE

1) Measuring range 2.24%2) Sampling time 1.1% in minute 1.2% Shelf life 1.2% years 1.2% Operating temperature 1.2% 1.2%

5) Temperature compensation : (Necessary $(0 \sim 10/30 \sim 40 \, ^{\circ}\text{C})$ (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/cm² (60 Kpa)

2) Flow rate \therefore 2.0 ℓ /min.

MEASUREMENT CONDITION

1) Sampling amount : $50 \text{ m}\ell$

SPECIAL NOTE

1) TEMPERATURE COMPENSATION:

At 0° C (32 °C) to 10° C (86 °C), multiply the reading value by 1.05.

At 30 $^{\circ}$ C (86 $^{\circ}$ C) to 40 $^{\circ}$ C (104 $^{\circ}$ C), multiply the reading value by 0.95.

- 2) The sampling is made with an optional $50m\ell$ plastic syringe which collects accurate sampling volume in $50m\ell$ and $1m\ell$ 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.