

1. PERFORMANCE

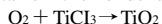
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|--------------------------|---------------------------------------------------------------|-----------|
| 1) Measuring range | : 3-24 % | 1.5-3 % |
| Number of pump strokes | 1/2 (50mℓ) | 1 (100mℓ) |
| 2) Sampling time | : 1 minute/1/2 pump stroke | |
| | 1.5 minutes/1 pump stroke | |
| 3) Shelf life | : 2 years | |
| 4) Operating temperature | : 0 ~ 45 °C | |
| 5) Reading | : Direct reading from the scale calibrated by 1/2 pump stroke | |
| 6) Colour change | : Black → White | |

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Titanium trichloride is oxidized and Titanium oxide is produced.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Sulphur dioxide		The accuracy of readings is not affected.
Carbon dioxide		∕
Nitrogen dioxide		∕
Hydrogen sulphide		∕

(NOTE)

When the concentration is below 3%, 1 pump stroke can be used to determine the lower concentration.

Following formula is available for the actual concentration.

Actual concentration = 1/2 × Reading value