



## 1. PERFORMANCE

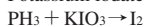
- 1) Measuring range : 100-1,600 ppm      200-3,200 ppm
- Number of pump strokes : 1 (100mℓ)      1/2 (50mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 5 ppm (100mℓ)
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : White → Orange

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 10%    RSD-mid. : 10%    RSD-high : 10%

## 3. CHEMICAL REACTION

Potassium iodate is reduced.



## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Nitrogen monoxide	The accuracy of reading is not affected.	Lower readings are given.
Nitrogen dioxide	∕	Higher readings are given.
Hydrogen sulphide	Orange stain is produced.	∕
Sulphur dioxide	∕	∕

(NOTE)

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

Actual concentration = 2 × Reading value