

## 1. PERFORMANCE

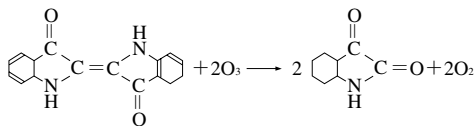
- |                          |   |            |
|--------------------------|---|------------|
| 1) Measuring range       | : 100-1,000 ppm   | 50-500 ppm |
| Number of pump strokes   | 1/2 (50mℓ)  | 1 (100mℓ)  |
| 2) Sampling time         | : 1 minute/1 pump stroke                                    |            |
| 3) Detectable limit      | : 5 ppm (100mℓ)   |            |
| 4) Shelf life            | : 2 years   |            |
| 5) Operating temperature | : 0 ~ 40 °C   |            |
| 6) Reading               | : Direct reading from the scale calibrated by 1 pump stroke |            |
| 7) Colour change         | : Dark blue → Yellow  |            |

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid. : 5% RSD-high : 5%

## 3. CHEMICAL REACTION

Indigo is oxidized and Isatin is produced.



## 4. CALIBRATION OF THE TUBE

COLOURIMETRY METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Nitrogen	Similar stain is produced.	The top of discoloured layer becomes unclear and higher readings are given.
Chlorine	∕	∕

(NOTE)

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

Actual concentration = 2 × Reading value