



## 1. PERFORMANCE

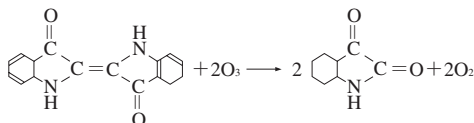
- |                          |                                                             |           |            |
|--------------------------|-------------------------------------------------------------|-----------|------------|
| 1) Measuring range       | : 10-100 ppm                                                | 5-50 ppm  | 2.5-25 ppm |
| Number of pump strokes   | 1/2 (50mℓ)                                                  | 1 (100mℓ) | 2 (200mℓ)  |
| 2) Sampling time         | : 1.5 minutes/1 pump stroke                                 |           |            |
| 3) Detectable limit      | : 1 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         | : Blue → Pale 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	ppm	Interference	Coexistence
Nitrogen dioxide	10	Similar stain is produced.	The top of discoloured layer becomes unclear and higher readings are given.

(NOTE)

- In case of 1/2 pump strokes, following formula is available for actual concentration.  
Actual concentration = 2 × Reading value
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