

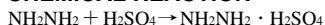
## 1. PERFORMANCE

- |                             |                                                              |           |              |
|-----------------------------|--------------------------------------------------------------|-----------|--------------|
| 1) Measuring range          | : 0.2-10 ppm                                                 | 0.1-5 ppm | 0.05-2.5 ppm |
| Number of pump strokes      | 1 (100mℓ)                                                    | 2 (200mℓ) | 4 (400mℓ)    |
| 2) Sampling time            | : 2 minutes/2 pump strokes                                   |           |              |
| 3) Detectable limit         | : 0.02 ppm (400mℓ)                                           |           |              |
| 4) Shelf life               | : 2 years                                                    |           |              |
| 5) Operating temperature    | : 0 ~ 40 °C                                                  |           |              |
| 6) Temperature compensation | : Necessary (See "TEMPERATURE CORRECTION TABLE")             |           |              |
| 7) Reading                  | : Direct reading from the scale calibrated by 2 pump strokes |           |              |
| 8) Colour change            | : Yellow → Blue                                              |           |              |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION



## 4. CALIBRATION OF THE TUBE

COLOURIMETRY METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

(NOTE)

In case of 1 or 4 pump strokes, following formula is available for the actual concentration.

Actual concentration = Temperature corrected value × 2/Number of strokes

TEMPERATURE CORRECTION TABLE

Scale Readings (ppm)	True Concentration (ppm)				
	0 °C (32 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
5.0	7.0	6.0	5.0	4.5	4.0
4.0	5.6	4.7	4.0	3.6	3.2
3.0	4.2	3.6	3.0	2.7	2.4
2.0	2.8	2.4	2.0	1.8	1.6
1.0	1.3	1.2	1.0	0.9	0.8
0.5	0.5	0.5	0.5	0.45	0.4
0.1	0.1	0.1	0.1	0.1	0.1