

## 1. PERFORMANCE

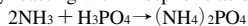
- |                          |   |           |
|--------------------------|---|-----------|
| 1) Measuring range       | : 1-20 ppm  | 0.2-1 ppm |
| Number of pump strokes   | 1 (100mℓ)   | 5 (500mℓ) |
| 2) Sampling time         | : 1 minute/ 1 pump stroke                                   |           |
| 3) Detectable limit      | : 0.1 ppm (100mℓ)   |           |
| 4) Shelf life            | : 3 years   |           |
| 5) Operating temperature | : 0 ~ 40 °C   |           |
| 6) Reading               | : Direct reading from the scale calibrated by 1 pump stroke |           |
| 7) Colour change         | : Pale purple → Pale Yellow                                 |           |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

By reacting with Phosphoric acid, PH indicator is discoloured.



## 4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Amines	Similar stain is produced.	Higher readings are given.

(NOTE)

When the concentration is below 1 ppm, 2 to 5 pump strokes can be used to determine the lower concentration.

Following formula is available for actual concentration.

$$\text{Actual concentration} = \text{Reading value} \times \frac{1}{\text{Number of strokes}}$$