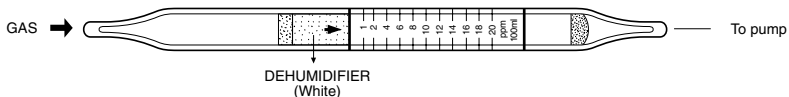


Tube No.
105SD

AMMONIA



1. PERFORMANCE

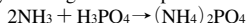
- | | | |
|--------------------------|---|-----------|
| 1) Measuring range | : 1-20 ppm | 0.2-1 ppm |
| Number of pump strokes | 1 (100mℓ) | 5 (500mℓ) |
| 2) Sampling time | : 1 minute/1 pump stroke | |
| 3) Detectable limit | : 0.1 ppm (100mℓ) | |
| 4) Shelf life | : 3 years | |
| 5) Operating temperature | : 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.

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