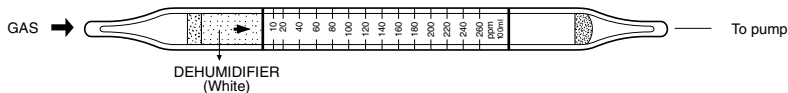


Tube No.
105SC

AMMONIA



1. PERFORMANCE

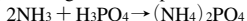
- | | | |
|--------------------------|---|-----------|
| 1) Measuring range | : 10-260 ppm | 5-130 ppm |
| Number of pump strokes | 1 (100mℓ) | 2 (200mℓ) |
| 2) Sampling time | : 1 minute/1 pump stroke | |
| 3) Detectable limit | : 0.5 ppm (200mℓ) | |
| 4) Shelf life | : 3 years | |
| 5) Operating temperature | : 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

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Amines	Similar stain is produced.		Higher readings are given.
Sulphur dioxide		$\text{NH}_3\text{conc.} \times 1/3$	Lower readings are given.
Chlorine		2	∕

(NOTE)

In case of 2 strokes, the following equation is available for the actual concentration.

Actual concentration = $1/2 \times$ Reading value.