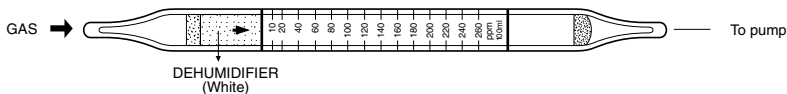


Tube No.  
**105SC**

# AMMONIA



## 1. PERFORMANCE

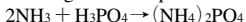
- |                          |   |           |
|--------------------------|---|-----------|
| 1) Measuring range       | : 10-260 ppm  | 5-130 ppm |
| Number of pump strokes   | 1 (100mℓ)   | 2 (200mℓ) |
| 2) Sampling time         | : 1 minute/1 pump stroke                                    |           |
| 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.