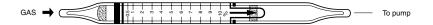
AMMONIA



1. PERFORMANCE

1) Measuring range $\,:\, 0.5\text{-}10\,\%$

Number of pump strokes $1(100 \text{m} \ell)$

2) Sampling time : 1.5 minutes/1 pump stroke

3) Detectable limit : 400 ppm4) Shelf life : 3 years5) Operating temperature $: 0 \sim 40 \,^{\circ}\text{C}$

6) Reading : Direct reading from the scale calibrated by 1 pump stroke

7) Colour change : Pink→Gray or Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with Phosphoric acid, PH indicator is discoloured.

 $3NH_3 + H_3PO_4 \rightarrow (NH_4)_3PO_4$

4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

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