AMMONIA



1. PERFORMANCE

1) Measuring range : 0.5-10% Number of pump strokes 1(100mL)

2) Sampling time : 1.5 minutes / 1 pump stroke

3) Detectable limit : 0.04% 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 : Pink→Gray • 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.

 $NH_3 + H_3PO_4 \rightarrow (NH_4)_2HPO_4$

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.