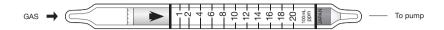
ETHYL AMINE



1. PERFORMANCE

1) Measuring range 1-20 ppmNumber of pump strokes $1(100 \text{m} \ell)$

2) Sampling time : 1 minute/1 pump stroke

3) Detectable limit 0.2 ppm4) Shelf life 3 years5) Operating temperature $0 \sim 40 \text{ °C}$

6) Reading : The tube scale is calibrated based on Methyl amine at 1pump stroke and the

tube has the same sensitivity for Ethyl amine.

7) Colour change : Pale purple → Pale yellow

2. RELATIVE STANDARD DEVIATION

RSD-low: 10% RSD-mid.: 10% RSD-high: 10%

3. CHEMICAL REACTION

By reacting with Phosphoric acid, Ph indicator is discoloured. $CH_3CH_2NH_2 + H_3PO_4 {\longrightarrow} (CH_3NH_3) \, {}_2HPO_4$

4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Ammonia	Similar stain is produced.	Higher reading are given.
Other amines	"	"