

## 1. PERFORMANCE

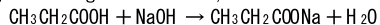
- 1) Measuring range : 3-50 ppm  
Number of pump strokes: 1(100mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : -
- 4) Shelf life : 3 years
- 5) Operating temperature : 15~25°C
- 6) Reading : Graduations printed on the tube are calibrated by Acetic acid at 1 pump stroke and Propionic Acid concentration is determined by using a conversion chart at 1 pump stroke.
- 7) Colour change : Pale pink →Yellow

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

By reacting with alkali, PH indicator is discoloured.



## 4. CALIBRATION OF THE TUBE

VAPOUR PRESSURE METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	Coexistence
Sulphur dioxide		Similar stain is produced.	Higher readings are given.
Nitrogen dioxide	300	"	The top of discoloured layer becomes unclear.
Hydrogen chloride		Pink stain is produced.	Higher readings are given.
Chlorine		Blueish yellow stain is produced.	"
Acetic acid		Similar stain is produced.	"

