

## 1. PERFORMANCE

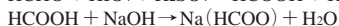
- |                          |   |
|--------------------------|---|
| 1) Measuring range       | : 3-70 ppm  |
| Number of pump strokes   | 1 (100ml)   |
| 2) Sampling time         | : 1.5 minutes/1 pump stroke   |
| 3) Detectable limit      | : —   |
| 4) Shelf life            | : 2 years   |
| 5) Operating temperature | : 15 ~ 25 °C  |
| 6) Reading               | : The tube scale is calibrated based on Ethylene oxide at 3 pump strokes and Propylene oxide 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. : 5%    RSD-high : 5%

## 3. CHEMICAL REACTION

By decomposing with an Oxidizer, Formic acid is produced and PH indicator is discoloured.



## 4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Aldehydes	Similar stain is produced.	Higher readings are given.
Hydrogen sulphide	Pale yellow stain is produced.	∕
Sulphur dioxide	∕	∕

