

1. PERFORMANCE

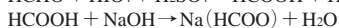
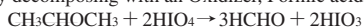
- 1) Measuring range : 3-70 ppm
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15 ~ 25 °C
- 6) Reading : The tube scale is calibrated based on Ethylene oxide at 3 pump strokes and Propylene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

Propylene oxide concentration (ppm)

