

1. PERFORMANCE

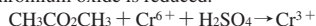
- 1) Measuring range : 0.1-3.0 %
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : The tube scale is calibrated based on Ethyl acetate at 1 pump stroke and Methyl acetate concentration is determined by using a conversion chart at 1 pump stroke
- 7) Colour change : Orange → Dark green

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 10 % RSD-high : 5 %

3. CHEMICAL REACTION

Chromium oxide is reduced.



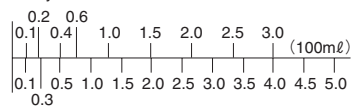
4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Acetylene		3 %	Whole reagent is changed to Brown.
Propane		0.2 %	〃
Other organic gases or vapours except Halogenated hydrocarbons	Similar stain is produced.	50	Higher readings are given.

Methyl acetate concentration (%)



No. 111SA Tube reading (%)