

1. PERFORMANCE

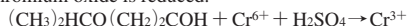
- 1) Measuring range : 5-350 ppm
Number of pump strokes : 3 (300mℓ)
- 2) Sampling time : 4.5 minutes/3 pump strokes
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15 ~ 25 °C
- 6) Reading : The tube scale is calibrated based on Ethyl cellosolve at 3 pump strokes and Isopropyl cellosolve concentration is determined by using a conversion chart at 3 pump strokes
- 7) Colour change : Yellow → Pale blue

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Chromium oxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

| Substance | Interference | Coexistence |
|---|------------------------------------|----------------------------|
| Alcohols | Similar stain is produced. | Higher readings are given. |
| Ethers | ∕ | ∕ |
| Aliphatic hydrocarbons (more than C ₃) | ∕ | ∕ |
| Ketones | ∕ | ∕ |
| Aromatic hydrocarbons | Whole reagent is changed to Brown. | ∕ |
| Esters | ∕ | ∕ |
| Halogenated hydrocarbons | ∕ | ∕ |

