



1. PERFORMANCE

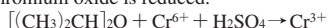
- 1) Measuring range : 30-800 ppm
Number of pump strokes : 1 (100ml)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15 ~ 25 °C
- 6) Reading : The tube scale is calibrated based on Ethyl acetate at 1 pump stroke and Isopropyl ether concentration is determined by using a conversion chart at 1 pump stroke
- 7) Colour change : Yellow → Brown

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 | Coexistence |
|--------------------------|---|---|
| Alcohols | Similar or brown stain is produced. | Higher readings are given. |
| Esters | ∕ | ∕ |
| Ketones | ∕ | ∕ |
| Aromatic hydrocarbons | ∕ | ∕ |
| Aliphatic hydrocarbons | Whole reagent is discoloured to Pale brown. | If the maximum end point of stained layer is discernable, the accuracy of readings is not affected. |
| Halogenated hydrocarbons | ∕ | ∕ |

