

## 1. PERFORMANCE

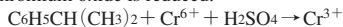
- 1) Measuring range : 20-140 ppm  
Number of pump strokes : 1 (100mL)
- 2) Sampling time : 1.5 minutes / 1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15~25℃
- 6) Reading : The tube scales are calibrated based on Ethyl acetate at 1 pump stroke and Cumene concentration is determined by using a conversion chart at 1 pump stroke
- 7) Colour change : Yellow → Brown

## 2. RELATIVE STANDARD DEVIATION

RSD-low : — RSD-mid. : — RSD-high : —

## 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 (more than C <sub>3</sub> )	Whole reagent is changed to Pale brown.	If the maximum end point of the stain is discernable, the accuracy of readings is not affected.
Halogenated hydrocarbons	∕	∕