

## 1. PERFORMANCE

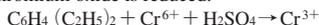
- 1) Measuring range : 10-180 ppm  
Number of pump strokes : 1 (100ml)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15 ~ 25 °C
- 6) Reading : The tube scale is calibrated based on Ethyl acetate at 1 pump stroke and Diethyl benzene 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	∕	∕

Diethyl benzene concentration (ppm)

