

1. PERFORMANCE

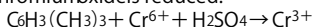
- 1) Measuring range : 10-180ppm
Number of pump strokes 1 (100mL)
- 2) Sampling time : 1.5 minutes / 1 pump stroke
- 3) Detectable limit : 1 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0~40°C
- 6) Reading : The tube scales are calibrated based on Ethyl acetate at 1 pump stroke and 1,2,4-trimethyl benzene is determined by using a conversion chart
- 7) Colourchange : Yellow → Dark brown

2. RELATIVE STANDARD DEVIATION

RSD-low : — RSD-mid. : — RSD-high : —

3. CHEMICAL REACTION

Chromiumoxideis reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Alcohols	Brown stain is produced.	Higher readings are given.
Ethers	"	"
Ketones	"	"
Aromatic hydrocarbons	"	"
Aliphatic hydrocarbons (more than C ₃)		Double-layer stain is produced. If the maximum end point of the stain is discernable, the accuracy of readings is not affected.
Halogenated hydrocarbons	"	"