

1. PERFORMANCE

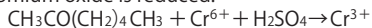
- 1) Measuring range : 25-350 ppm
Number of pump strokes : 3(300mL)
- 2) Sampling time : 4.5 minutes/3 pump strokes
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15~25°C
- 6) Reading : Graduations printed on the tube are calibrated by Methyl ethyl ketone at 1 pump stroke and Methyl amyl ketone 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
Alcohol	Similar or Brown stain is produced.	Higher readings are given.
Esters	//	//
Ketones	//	//
Aromatic hydrocarbons	//	//
Halogenated hydrocarbons		Whole reagent is changed to Brown, but if the maximum end point of the Pale blue stain is discernable, the accuracy of reading is not affected.
Aliphatic hydrocarbons		//