

## 1. PERFORMANCE

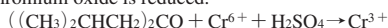
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|--------------------------|---|
| 1) Measuring range       | : 20-1,000 ppm  |
| Number of pump strokes   | 1 (100mℓ)   |
| 2) Sampling time         | : 1.5 minutes/1 pump stroke   |
| 3) Detectable limit      | : —   |
| 4) Shelf life            | : 2 years   |
| 5) Operating temperature | : 15 ~ 25 °C  |
| 6) Reading               | : Graduations printed on the tube are calibrated by Metyl ethyl ketone at 1 pump stroke and Diisobutyl ketone concentration is determined by using a conversion chart at 1 pump stroke. |
| 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		//

