



## 1. PERFORMANCE

- |                          |  |
|--------------------------|--|
| 1) Measuring range       | : 20-300 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 scales are calibrated based on Ethyl cellosolve at 3 pump strokes and 1-Propanol concentration is determined by using a conversion chart at 1 pump stroke |
| 7) Colour change         | : Yellow → Pale blue   |

## 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 stain is produced.	Higher readings are given.
Ethers	//	//
Aliphatic hydrocarbons (more than C <sub>3</sub> )	Whole reagent is changed to brown.	//
Aromatic hydrocarbons	//	//
Esters	//	//
Ketones	//	//
Halogenated hydrocarbons	//	//