



## 1. PERFORMANCE

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|--------------------------|--|
| 1) Measuring range       | : 10-140 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 n-Undecane 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	∕	∕

