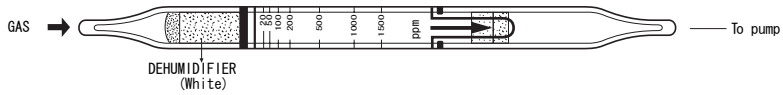


Tube No.  
139U<sup>©</sup>

# DIISOBUTYL KETONE



## 1. PERFORMANCE

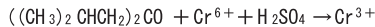
- 1) Measuring range : 20-1,000 ppm  
Number of pump strokes : 1(100mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : -
- 4) Shelf life : 2 years
- 5) Operating temperature : 15~25°C
- 6) Reading : Graduations printed on the tube are calibrated by Methyl Ethyl Ketone at 1 pump 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.



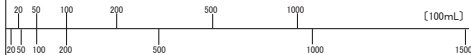
## 4. CALIBRATION OF THE TUBE

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 top of Pale blue stain is clear, the reading can be obtained.
Paraffin hydrocarbons		"

Diisobutyl Ketone (ppm)



No. 139U tube reading (ppm)