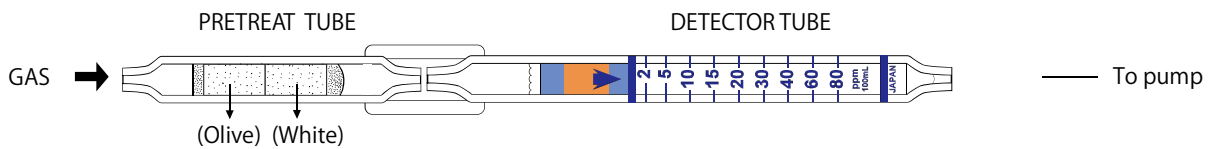


Tube No.  
157SB<sup>®</sup>

# 1,2-DICHLOROPROPANE



## 1. PERFORMANCE

- 1) Measuring range : 20-250 ppm  
Number of pump strokes : 1(100mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 3 years (Necessary to store in a refrigerated place; 0~10°C)
- 5) Operating temperature : 15 ~ 25°C
- 6) Reading : The printed scales are calibrated by Methyl bromide at 1 pump stroke.  
1,2-Dichloropropane concentration is determined  
by using a conversion chart at 1 pump stroke
- 7) Colour change : White → Yellow

## 2. CHEMICAL REACTION

By decomposing with an Oxidizer, Chlorine is produced. It reacts with o-Toluidine and yellow Orthoquinone is produced.

## 3. CALIBRATION OF THE TUBE GAS CHROMATOGRAPHY

## 4. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Halogens	Similar stain is produced.		Higher readings are given.
Halogenated hydrocarbons	"		"
Hexane	The accuracy of readings is not affected.	200	Lower readings are given.

1,2-Dichloropropane concentration (ppm)

