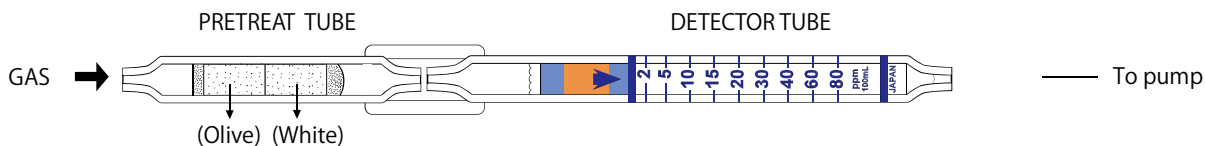


Tube No.  
157SB<sup>®</sup>

# ETHYL BROMIDE



## 1. PERFORMANCE

- |                          |  |
|--------------------------|--|
| 1) Measuring range       | : 2-80 ppm    20-400 ppm   |
| Number of pump strokes   | 1(100mL)    1/2(50mL)  |
| 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 Methy bromide at 1 pump stroke.<br>Ethyl bromide 2-80ppm;direct reading from the scale calibrated<br>by 1 pump stroke<br>Ethyl bromide 20-400ppm;concentration is determined by using<br>a conversion chart at 1/2 pump strokes |
| 7) Colour change         | : White → Yellow   |

## 2. CHEMICAL REACTION

By decomposing with an Oxidizer, Bromine 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.

Bromochloromethane or Ethyl bromide concentration (ppm)

