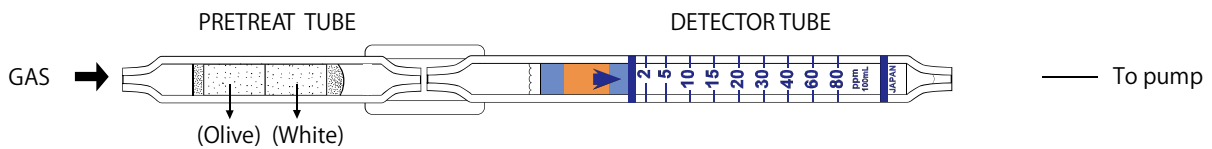


Tube No.
157SB[©]

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 Methyl bromide at 1 pump stroke.
Ethyl bromide 2-80ppm; direct reading from the scale calibrated by 1 pump stroke
Ethyl bromide 20-400ppm; concentration is determined by using 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)

