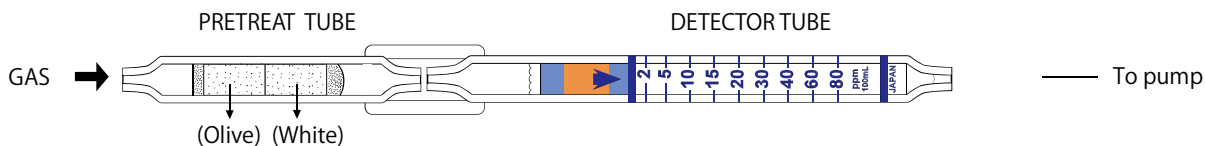


Tube No.
157SB[®]

DIBROMOMETHANE



1. PERFORMANCE

- 1) Measuring range : 2.5-40 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.
Dibromomethane concentration is determined by using a conversion chart at 1 pump stroke
- 7) Colour change : White → Yellow

2. CHEMICAL REACTION

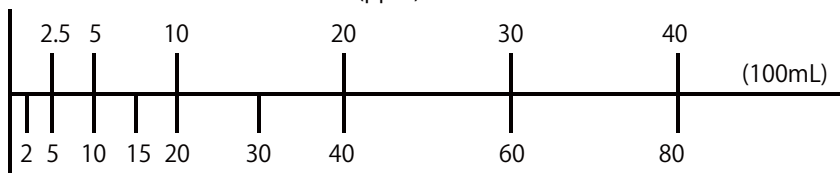
By decomposing with an Oxidizer, Bromine is produced. It reacts with o-Toluidine and yellow Orthoquinone is produced.

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.

Dibromomethane concentration (ppm)



No.157SB tube reading (ppm)