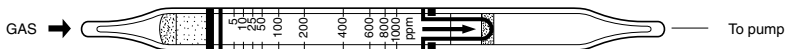


Tube No.
143SA

XYLENE



1. PERFORMANCE

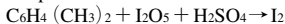
- 1) Measuring range : 5-1,000 ppm
Number of pump strokes : 2 (200ml)
- 2) Sampling time : 4 minutes/2 pump strokes
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 1.5 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 7) Colour change : White → Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 10 % RSD-high : 10 %

3. CHEMICAL REACTION

Iodine pentoxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Benzene	Similar stain is produced.	5	Higher readings are given.
Toluene	∕	5	∕
Methyl alcohol	The accuracy of readings is not affected.	1 %	∕
Hexane	Pale brown stain is produced.	0.1 %	The top of discoloured layer becomes unclear and higher readings are given.