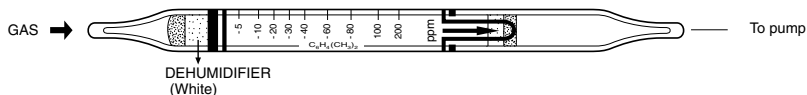


Tube No.  
**143SB**

# XYLENE



## 1. PERFORMANCE

- 1) Measuring range : 5-200 ppm  
Number of pump strokes : 2 (200mℓ)
- 2) Sampling time : 3 minutes/2 pump strokes
- 3) Detectable limit : 1 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 8) 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

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	Coexistence
Toluene	Xylene conc. 1/5	Same stain is produced.	Higher reading are given.
Ethyl acetate		The accuracy of readings is not affected.	
Methyl isobutyl ketone		∕	
Isobutyl alcohol		∕	

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)		
	20 °C (68° F)	30 °C (86° F)	40 °C (104° F)
200	200	300	—
150	150	190	400
100	100	125	150
80	80	100	120
60	60	70	80
40	40	45	50
30	30	30	30