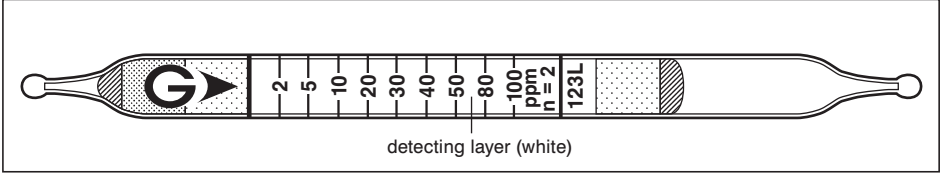


Xylene $C_6H_4(CH_3)_2$

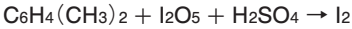
No.123L



Performance

Measuring range	2 to 100 ppm	100 to 200 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1	2
Sampling time	3 min	1.5 min
Detecting limit :	1 ppm (2 pump strokes)	
Color change :	White → Brown	
Corrections for temperature & humidity :	Unnecessary	
Relative standard deviation :	10 % (for 2 to 30 ppm), 5 % (for 30 to 100 ppm)	
Shelf life :	3 years	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes color by itself to
Acetylene, Ethylene, Hexane		No	No
Alcohols, Esters, Ketones		No	No
Aromatic hydrocarbons		+	Brown

Calibration gas generation

Diffusion tube method