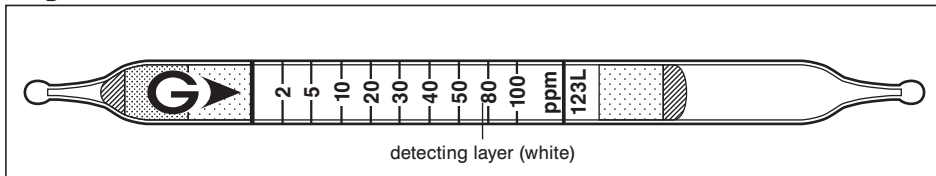


Xylene $C_6H_4(CH_3)_2$

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