

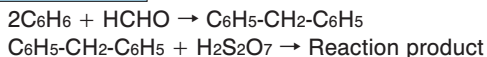
## Performance

When used, these tubes are to be connected.

Measuring range	0.2 to 20 ppm	20 to 66 ppm
Number of pump strokes	3 (300 mL)	1 (100 mL)
Correction factor	1	3.3
Sampling time	6 min	2 min

Detecting limit : 0.1 ppm (3 pump strokes)  
 Colour change : White → Brown  
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used  
 Relative humidity 0 to 90 % correction not used  
 Relative standard deviation : 10 % (for 0.2 to 5 ppm) , 5 % (for 5 to 20 ppm)  
 Tube quantity and number of tests per box : 10 tubes for 5 tests  
 Shelf life : 24 months

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hexane	≧ 500 ppm	No	} No
Toluene	≧ 300 ppm	No	
Xylene	≧ 350 ppm	No	

Aromatic hydrocarbons other than benzene are trapped in the scrubber agent in the pretreatment tube. If the pretreatment reagent is entirely consumed, a higher reading will be given.

## Calibration gas generation

Diffusion tube method