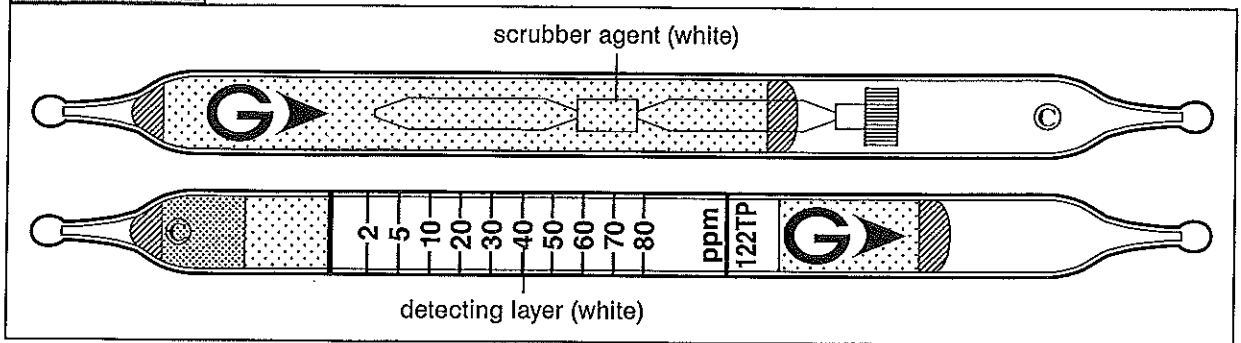


Detector tube

# Toluene $C_6H_5CH_3$

No. 122TP

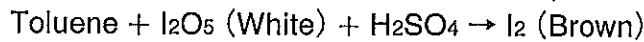


## Performance

Measuring range	2 to 80 ppm
Sampling Rate	100 ml/min (1000 ml)
Correction factor	1
Sampling time	10 min

Detecting limit : 1 ppm (1000 ml)  
 Colour change : White → Brown  
 Corrections for temperature : Unnecessary for 0 to 40°C  
 Corrections for humidity : Unnecessary for R.H. 0 to 90 %.  
 Relative standard deviation : 10 % (for 2 to 20 ppm), 5 % (for 20 to 80 ppm)  
 Shelf life : 2 years

## Reaction principle



## Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols	200 ppm	No	No
Ethy benzene	5 ppm	+	Brown
Xylene	10 ppm	+	Brown
Ethyl acetate	200 ppm	No	No
Aliphatic hydrocarbons	100 ppm	No	No
Organochlorine hydrocarbons	150 ppm	+	No

## Calibration gas generation

Diffusion tube method