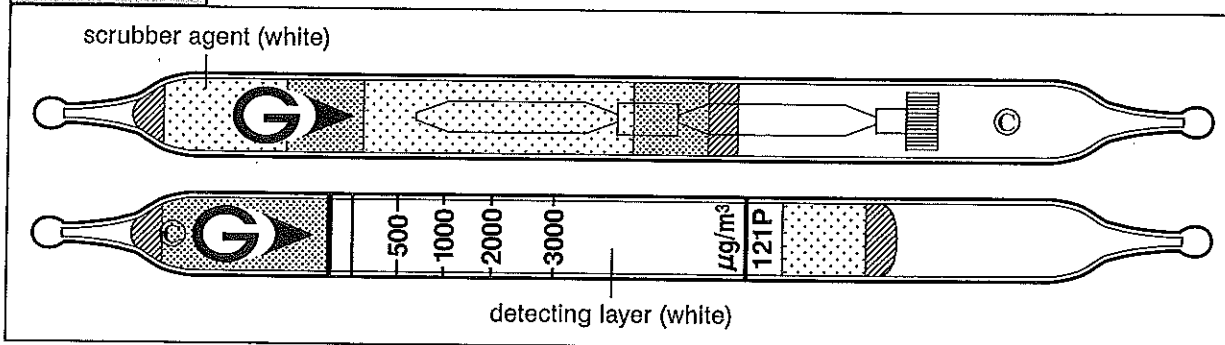


Detector tube

Benzene C₆H₆

No.121P

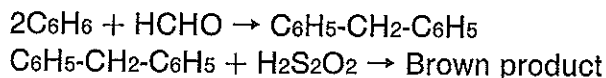


Performance

Measuring range	250 to 3000 µg/m ³
Sampling Rate	50 ml/min (3000ml)
Correction factor	1
Sampling time	60 min

Detecting limit : 100 µg/m³
 Colour change : White → Brown
 Corrections for temperature : Unnecessary for 0 to 35°C
 Corrections for humidity : Unnecessary for R.H. 0 to 85 %.
 Relative standard deviation : 10 % (for 250 to 1000 µg/m³), 5 % (for 1000 to 3000 µg/m³)
 Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Toluene	500 µg/m ³	No	No
Xylene	500 µg/m ³	No	No
n-Hexane	500 µg/m ³	No	No

Calibration gas generation

Permeation tube method

TLV-TWA : 0.5 ppm

TLV-STEL : 2.5 ppm

Explosive range : 1.3 to 7.1%