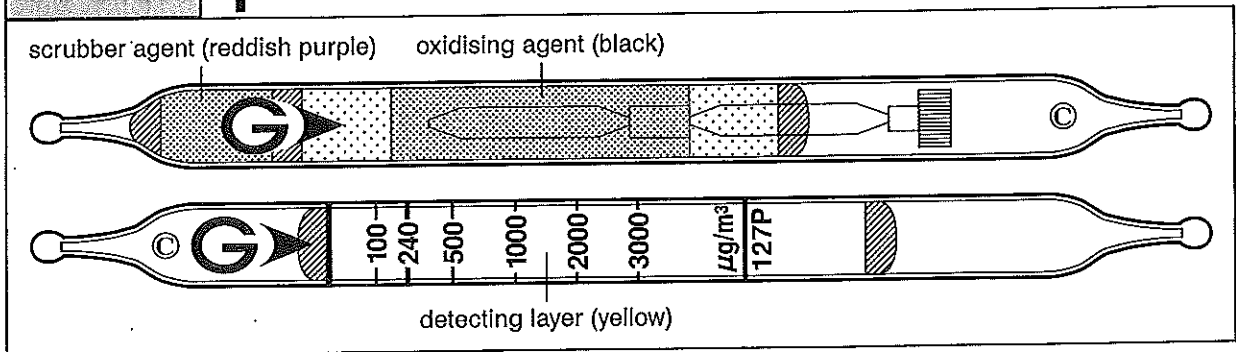


Detector tube

# p-Dichlorobenzene $C_6H_4Cl_2$ No.127P

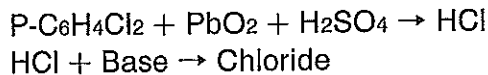


## Performance

Measuring range	100 to 3000 $\mu g/m^3$
Sampling Rate	100 ml/min (3000ml)
Correction factor	1
Sampling time	30 min

Detecting limit : 20  $\mu g/m^3$  (3000ml)  
 Colour change : Yellow  $\rightarrow$  Pale reddish purple  
 Corrections for temperature : Necessary for 5 to 35°C  
 Corrections for humidity : Unnecessary for R.H. 20 to 80 %  
 Relative standard deviation : 10 % (for 100 to 1000  $\mu g/m^3$ ), 5 % (for 1000 to 3000  $\mu g/m^3$ )  
 Shelf life : 2 years

## Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		No	No
Hydrogen chloride, Chlorine		No	No
Nitrogen oxides		No	No
Vinyl chloride		+	Pale reddish purple
1,2-Dichloroethylene		+	Pale reddish purple
Trichloroethylene		+	Pale reddish purple
Perchloroethylene		+	Pale reddish purple
1,1,1-Trichloroethane		No	No
Aromatic Hydrocarbons		No	No
Formaldehyde		No	No

## Calibration gas generation

Permeation tube method

## Special note

In case of outdoor measurement, keep the tube out of direct sunlight.

TLV-TWA : 10 ppm

Explosive range : 2.5 to 16 %