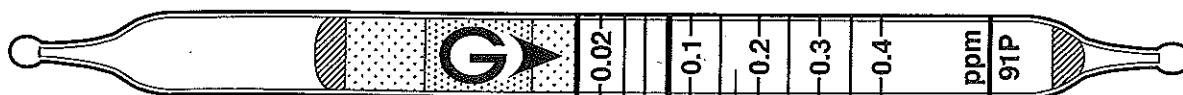


Detector tube

# Formaldehyde HCHO

No.91P



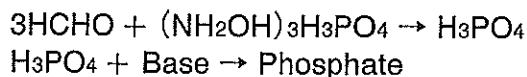
detecting layer (yellow)

### Performance

Measuring range	0.02 to 0.4 ppm	0.4 to 1.44 ppm
Sampling Rate	200 ml/min (6000ml)	200 ml/min (2000ml)
Correction factor	1	3.6
Sampling time	30 min	10 min

Detecting limit : 0.01 ppm (6000 ml)  
 Colour change : Yellow → Pink  
 Corrections for temperature : Necessary for 5 to 35 °C  
 Corrections for humidity : Unnecessary for 20 to 90 % R.H.  
 Relative standard deviation : 10 % (for 0.02 to 0.1 ppm), 5 % (for 0.1 to 0.4 ppm)  
 Shelf life : 1 year (in the refrigerator)

### Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≤ 2 ppm	No	No
Nitrogen dioxide	≤ 1 ppm	No	No
Acetaldehyde		+	Pink
Acetone	≤ 0.3ppm	No	Pink around inlet
Ethanol		No	No
Ethyl acetate		No	No
p-Dichlorobenzene		No	No
Toluene		No	No

### Calibration gas generation

Diffusion tube method