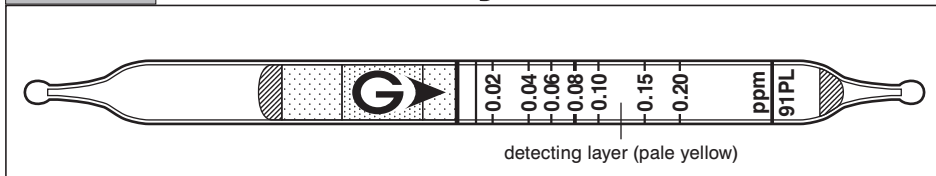


Detector tube

Formaldehyde HCHO

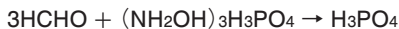
No.91PL



Performance The minimum scale value (0.01ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.01) to 0.20 ppm	0.20 to 0.80 ppm
Sampling Rate	200 ml/min (6000ml)	200 ml/min (2000ml)
Correction factor	1	4
Sampling time	30 min	10 min

Detecting limit : 0.005 ppm (6000 ml)
 Colour change : Pale yellow → Pink
 Corrections for temperature : Necessary for 5 to 35 °C
 Corrections for humidity : Unnecessary for R.H. 20 to 90 %
 Relative standard deviation : 10% (for 0.01 to 0.06 ppm), 5% (for 0.06 to 0.2 ppm)
 Shelf life : 1 year (in the refrigerator)

Reaction principle**Possible coexisting substances and their interferences**

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

Permeation tube method