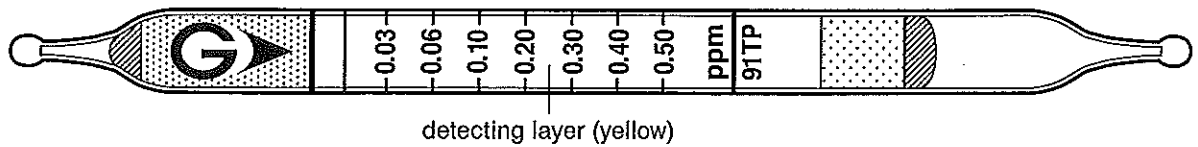


Detector tube

**Formaldehyde** HCHO

No.91TP

**Performance**

Measuring range	0.01 to 0.50 ppm	0.50 to 1.75 ppm
Sampling Rate	100 ml/min (1000ml)	50 ml/min (500ml)
Correction factor	1	3.5
Sampling time	10 min	10 min

Detecting limit : 0.005 ppm (1000 ml)

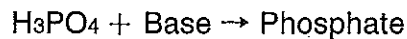
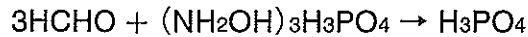
Colour change : Yellow → Pale orange

Corrections for temperature : Necessary for 5 to 35 °C

Corrections for humidity : Unnecessary for R.H.0 to 80 %

Relative standard deviation : 10% (for 0.01 to 0.10 ppm), 5% (for 0.10 to 0.50 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
Acetaldehyde		+	Pale orange
Acetone		+	Pale orange
Ethanol	0.15%	-	Yellow
Xylene	50 ppm	No	No
Ammonia	≧ 1 ppm	-	Yellow
Nitrogen dioxide	≧ 1 ppm	No	No

**Calibration gas generation**

Permeation tube method

TLV-STEL : C 0.3 ppm

Explosive range : 7.0 to 73 %