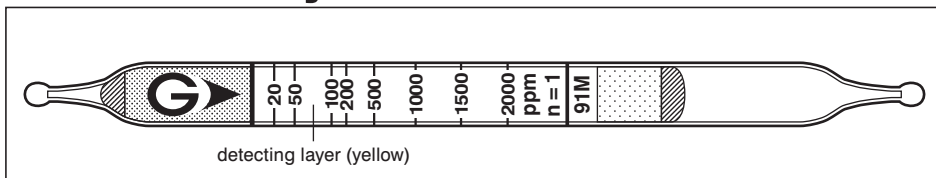


Formaldehyde HCHO

No.91M



Performance

Measuring range	8 to 20 ppm	20 to 2000 ppm	2000 to 6400 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	0.4	1	3.2
Sampling time	2 min	1 min	30 sec

Detecting limit : 4 ppm (2 pump strokes)

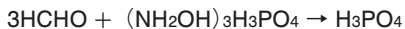
Colour change : Yellow → Red

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 20 to 500 ppm), 5 % (for 500 to 2000 ppm)

Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acrolein	≥ 5 times	+	Red (≥ 20 ppm)
Acetaldehyde	$\geq 1/6$	+	Red (≥ 3 ppm)

Calibration gas generation

Diffusion tube method