

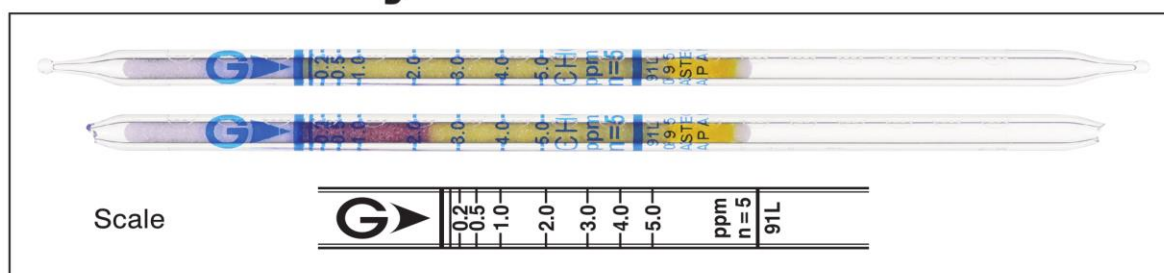


## Formaldehyde HCHO

Part No.: 91L

# Formaldehyde HCHO

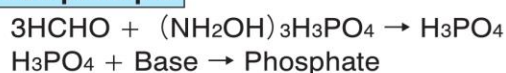
No.91L



**Performance** The minimum scale value (0.1ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.1) to 5.0 ppm	5.0 to 40.0 ppm
Number of pump strokes	5 (500 mL)	1 (100 mL)
Correction factor	1	8
Sampling time	7.5 min	1.5 min
Detecting limit :	0.05 ppm (5 pump strokes)	
Colour change :	Yellow → Reddish brown	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used	
	Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 0.1 to 0.5 ppm) , 5 % (for 0.5 to 5 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months (in the refrigerator)	

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Aldehydes, Ketones		+	Reddish brown
Acid gases		+	Red
Organic acids		No	No

### Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Benzaldehyde	by scale	1	4 to 92 ppm
Cyclohexanone	by scale	1/2	10 to 470 ppm
Diisobutyl ketone	Factor : 5.8	4	0.58 to 29 ppm
Metaldehyde	Factor : 0.65	3	0.065 to 3.25 ppm
Propionaldehyde	Factor : 7.6	1	0.76 to 38 ppm

### Calibration gas generation

Diffusion tube method