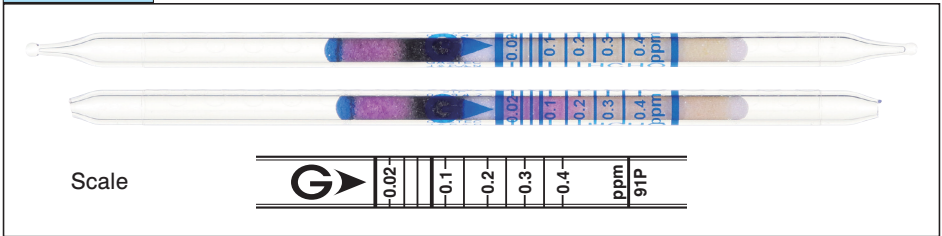


Detector tube

Formaldehyde HCHO

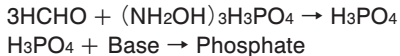
No.91P



Performance

Measuring range	0.02 to 0.4 ppm	0.4 to 1.44 ppm
Sampling rate	200 mL/min (6000 mL)	200 mL/min (2000 mL)
Correction factor	1	3.6
Sampling time	30 min	10 min
Detecting limit :	0.01 ppm (6000 mL)	
Colour change :	Yellow → Pink	
Operating conditions :	Temperature 5 to 35 °C (41 to 95 °F) correction used Relative humidity 20 to 90 % correction not used	
Relative standard deviation :	10 % (for 0.02 to 0.1 ppm), 5 % (for 0.1 to 0.4 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	12 months (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	≤ 0.3 ppm	No	Pink around inlet
Ethanol		No	No
Ethyl acetate		No	No
p-Dichlorobenzene		No	No
Toluene		No	No

Calibration gas generation

Permeation tube method