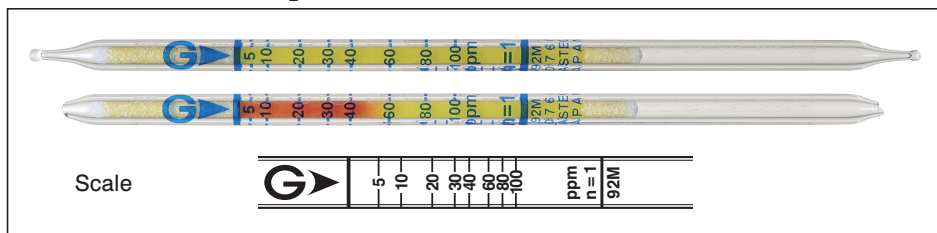


Acetaldehyde CH₃CHO

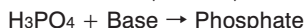
No.92M



Performance

Measuring range	2.5 to 5 ppm	5 to 100 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1
Sampling time	2 min	1 min
Detecting limit :	0.25 ppm (2 pump strokes)	
Colour change :	Yellow → Red	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 5 to 20 ppm) , 5 % (for 20 to 100 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	24 months (in the refrigerator)	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetone	≧ 2 times	+	} Red
Acrolein	≧ 3/5	+	
Methyl ethyl ketone	≧ 6 times	+	
Methyl isobutyl ketone	≧ 10 times	+	
Ammonia		-	No

Calibration gas generation

Diffusion tube method