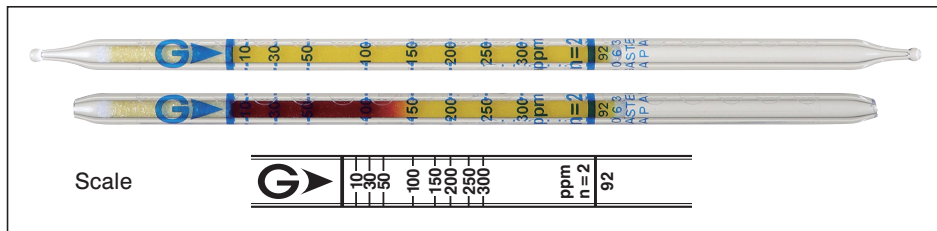


Acetaldehyde CH₃CHO

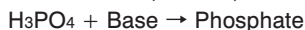
No.92



Performance

Measuring range	5 to 10 ppm	10 to 300 ppm	300 to 750 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	0.5	1	2.5
Sampling time	6 min	3 min	1.5 min
Detecting limit :	2 ppm (4 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 10 to 100 ppm), 5 % (for 100 to 300 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
Acetone	≧ 2 times	+	} Red
Acrolein	≧ 3/5	+	
Methyl ethyl ketone	≧ 6 times	+	
Methyl isobutyl ketone	≧ 10 times	+	
Ammonia		-	No

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Diacetyl	by scale	3	25 to 1500 ppm

Calibration gas generation

Diffusion tube method