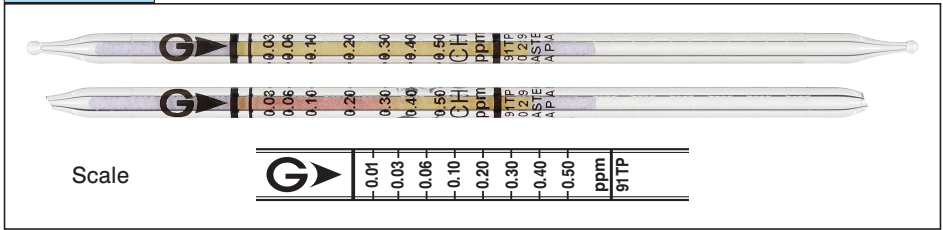


Detector tube

Formaldehyde HCHO

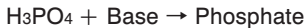
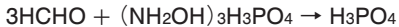
No.91TP



Performance

Measuring range	0.01 to 0.50 ppm	0.50 to 1.75 ppm
Sampling rate	100 mL/min (1000 mL)	50 mL/min (500 mL)
Correction factor	1	3.5
Sampling time	10 min	10 min
Detecting limit :	0.005 ppm (1000 mL)	
Colour change :	Yellow → Pale orange	
Operating conditions :	Temperature 5 to 35 °C (41 to 95 °F) correction used Relative humidity 0 to 80 % correction not used	
Relative standard deviation :	10 % (for 0.01 to 0.10 ppm), 5 % (for 0.10 to 0.50 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
Acetaldehyde		+	Pale orange
Acetone		+	Pale orange
Ethanol	0.15 %	-	Yellow
Xylene	50 ppm	No	No
Ammonia	≧ 1 ppm	-	Yellow
Nitrogen dioxide	≧ 1 ppm	No	No

Calibration gas generation

Permeation tube method