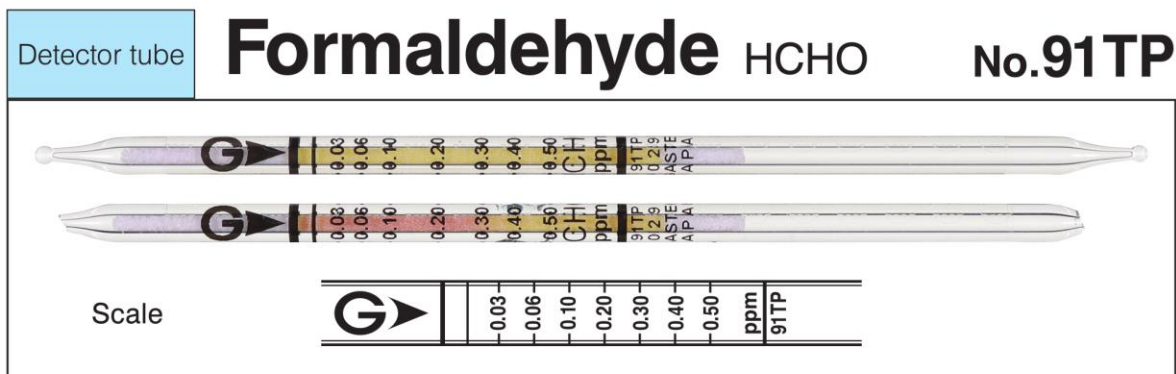




Formaldehyde HCHO

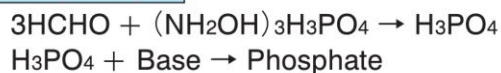
Part No.: 91TP



Performance The minimum scale value (0.01ppm) is not printed on the tube, but only the scale line is printed.

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