



## Performance

Measuring range	50 to 4000 ppm	4000 to 12000 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	3
Sampling time	4 min	2 min
Detecting limit :	5 ppm (2 pump strokes)	
Colour change :	Yellow → Red	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	15 % (for 50 to 500 ppm), 10 % (for 500 to 4000 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
Acetaldehyde	$\geq 1/10$	+	Red
Acrolein	$\geq 1/10$	+	
Methyl ethyl ketone		+	
Methyl isobutyl ketone		+	
Aromatic hydrocarbons		No	No

## Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Methyl ethyl ketone	Factor : 0.42	5	21 to 1680 ppm
Propionaldehyde	Factor : 0.47	2	24 to 1880 ppm

## Calibration gas generation

Diffusion tube method