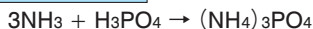


Performance

Measuring range	10 to 50 ppm	50 to 500 ppm	500 to 1000 ppm
Number of pump strokes	2 to 5 (200 to 500 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2 to 1/5	1	2
Sampling time	1.5 to 4 min	45 sec	25 sec

Detecting limit :	2 ppm (5 pump strokes)
Colour change :	Purple → Yellow
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 :	5 % (for 50 to 500 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Diamines	≧ 1/8	+	} Yellow
Monoamines	≧ 1/15	+	
Carbon dioxide	≧ 1%	- (20%)	No

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Trimethylamine	Factor : 0.5	1	25 to 250 ppm

Calibration gas generation

Permeation tube method