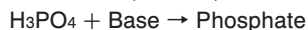
**Performance**

Measuring range	0.1 to 20 ppm
Sampling time	1 to 10 hours
Colour change :	Yellow → Reddish brown
Corrections for temperature & humidity :	Unnecessary
Relative standard deviation :	10 % (for 1 to 20 ppm·hr)
Shelf life :	1 year (in the refrigerator)

Reaction principle**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Changes colour by itself to
Acid gases		+	} Reddish brown
Aldehydes, Ketones		+	

Other substances measurable with this Dosi-tube

Substance	Correction	Sampling time	Measuring range
Acetaldehyde	Factor : 1.0	} 1 to 10 hours	0.1 to 20 ppm
Furfural	Factor : 3.0		0.3 to 60 ppm
Methyl ethyl ketone	Factor : 1.25		0.125 to 25 ppm

Calibration gas generation

Diffusion tube method