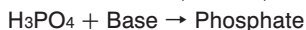
**Performance**

Measuring range	5 to 1500 ppm
Sampling time	1 to 10 hours
Colour change :	Yellow → Reddish brown
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 50 to 1500 ppm·hr)
Shelf life :	2 years (in the refrigerator)

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

Substance	Concentration	Interference	Changes colour by itself to
Aldehydes, Ketones		+	Reddish brown
Acid gases		+	Reddish brown (Unclear demarcation)

Other substances measurable with this Dosi-tube

Substance	Correction	Sampling time	Measuring range
Acetaldehyde	Factor : 0.8	} 1 to 10 hours	4 to 1200 ppm
Methyl ethyl ketone	Factor : 1.3		6.5 to 1950 ppm
Methyl isobutyl ketone	Factor : 2.3		11.5 to 3450 ppm

Calibration gas generation

Diffusion tube method