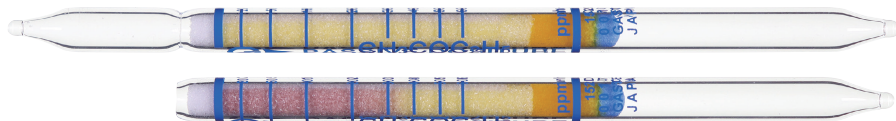
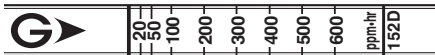


Dosi-tube

# Methyl Ethyl Ketone $\text{CH}_3\text{COC}_2\text{H}_5$ No.152D



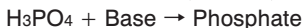
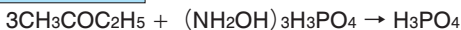
Scale



## Performance

Measuring range	2 to 600 ppm
Sampling time	1 to 10 hours
Colour change :	Yellow → Reddish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 20 to 600 ppm·hr)
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
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 : 0.6	} 1 to 10 hours	1.2 to 360 ppm
Acetone	Factor : 0.7		1.4 to 420 ppm
Methyl isobutyl ketone	Factor : 2.0		4 to 1200 ppm

## Calibration gas generation

Diffusion tube method