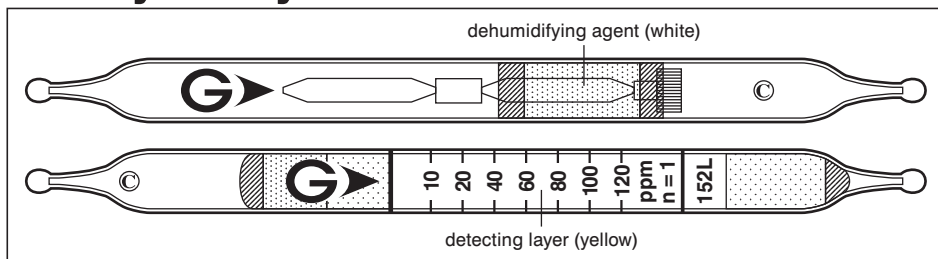


Methyl Ethyl Ketone $\text{CH}_3\text{COC}_2\text{H}_5$

No.152L



Performance

When used, these tubes are to be connected.

Measuring range	10 to 120 ppm	120 to 384 ppm
Number of pump strokes	1 (100 ml)	1/2 (50 ml)
Correction factor	1	3.2
Sampling time	2 min	1 min

Detecting limit : 3 ppm (1 pump stroke)

Colour change : Yellow → Reddish purple

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 5 % (for 10 to 120 ppm)

Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetaldehyde		+	Reddish purple
Acetone		+	Reddish purple
Acetic acid		No	} No
Ethyl acetate		+	
Diethyl ether	≥ 20 ppm	+	
Trichloroethylene		No	
Toluene		No	
Hexane		No	
Methanol	≥ 50 ppm	+	

Calibration gas generation

Diffusion tube method