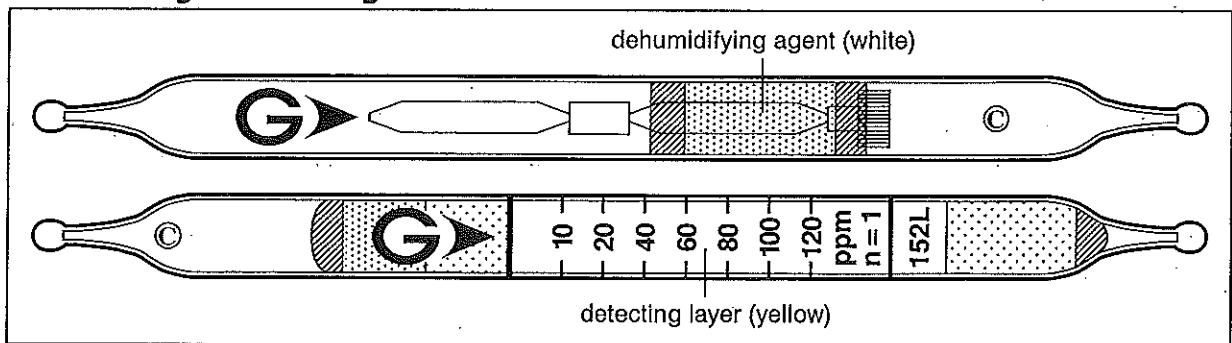


Methyl Ethyl Ketone $\text{CH}_3\text{COC}_2\text{H}_5$

No. 152L



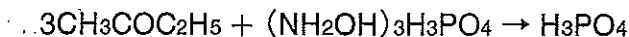
Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	10 to 120 ppm	120 to 384 ppm
Number of pump strokes	1	1/2
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 (NOTE : Page 2-5)

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

TLV-TWA : 200 ppm

TLV-STEL : 300 ppm

Explosive range : 1.7 to 11.4 %