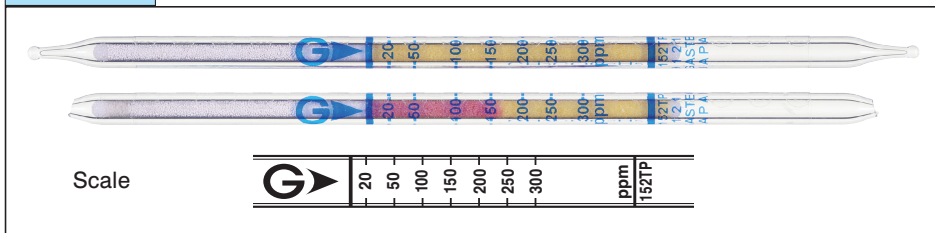


Detector tube

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



Performance

Measuring range	20 to 300 ppm
Sampling rate	100 mL/min (1000 mL)
Correction factor	1
Sampling time	10 min
Detecting limit :	5 ppm (1000 mL)
Colour change :	Yellow → Red
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 100 ppm) , 5 % (for 100 to 300 ppm)
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
Ammonia		No	No
Aldehydes		+	Red
Ketones		+	Red
Acetic acid	≤ 50 ppm	No	Purple at 70 ppm
Ethyl acetate		+	No
Diethyl ether	≤ 150 ppm	No	No
Trichloroethylene		No	No
Toluene		No	No
Hexane		No	No
Benzene		No	No
Methanol	≤ 150 ppm	No	No

Calibration gas generation

Diffusion tube method