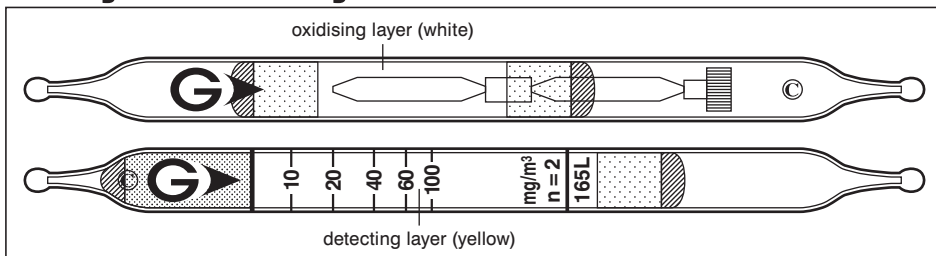


Ethylene Glycol HOCH₂CH₂OH

No. 165L

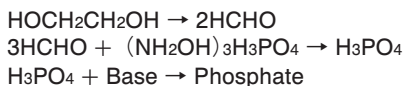


Performance

When used, these tubes are to be connected.

Measuring range	10 to 100 mg/m ³
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	6 min
Detecting limit :	2 mg/m ³ (2 pump strokes)
Colour change :	Yellow → Reddish brown
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 10 to 20 mg/m ³), 15 % (for 20 to 100 mg/m ³)
Shelf life :	3 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acid gases		+	} Reddish brown
Aldehydes		+	
Ketones		+	
tert-Butyl mercaptan		+	} Reddish brown (≥ 1 mg/m ³)
Tetrahydrothiophene		+	

Calibration gas generation

Vapour pressure method