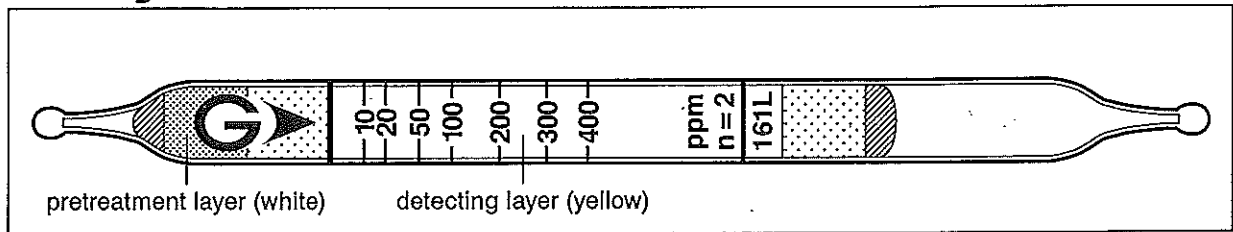


Ethyl Ether (C₂H₅)₂O

No.161L



Performance

Measuring range	10 to 400 ppm	400 to 1200 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1	3
Sampling time	4 min	2 min

Detecting limit : 2 ppm (2 pump strokes)

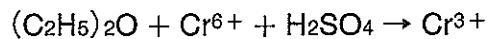
Colour change : Yellow → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 10 to 100 ppm), 5 % (for 100 to 400 ppm)

Shelf life : 2 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	} Pale blue
Esters		+	
Ketones		+	

Water vapour is trapped in the pretreatment (white) layer.

Calibration gas generation

Diffusion tube method

TLV-TWA : 400 ppm

TLV-STEL : 500 ppm

Explosive range : 1.9 to 36 %

2-100