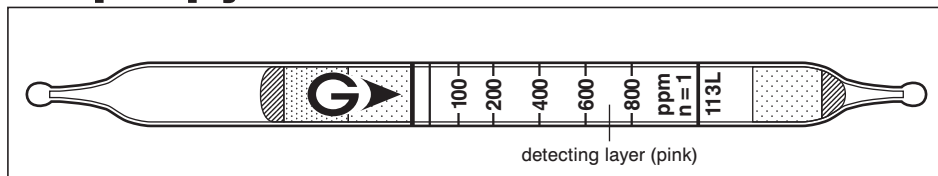


# Isopropyl Alcohol $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ or $\text{i-C}_3\text{H}_7\text{OH}$ No.113L



**Performance** The minimum scale value (50ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	20 to 50 ppm	(50) to 800 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	0.4	1
Sampling time	4 min	2 min

Detecting limit : 15 ppm (2 pump strokes)

Colour change : Pink → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 50 to 200 ppm), 5 % (for 200 to 800 ppm)

Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Acetone	$\leq 1200$ ppm	No	No ( $\leq 1200$ ppm)
Ethyl acetate	$\leq 450$ ppm	No	No ( $\leq 450$ ppm)
Toluene	$\leq 230$ ppm	No	No ( $\leq 230$ ppm)
Benzene	$\leq 75$ ppm	No	No

## Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Propyl alcohol	by scale	1	130 to 560 ppm
Vinyl trimethoxysilane	by scale	2	6.5 to 25.0 ppm
Divinyl methoxysilane	by scale	2	6.5 to 25.0 ppm
Ethylene glycol MME	by scale	2	75 to 760 ppm
Ethylene glycol MEE	by scale	2	110 to 1000 ppm
Ethylene glycol MBE	by scale	2	200 to 1000 ppm
Ethylene glycol MMEAc	by scale	2	300 to 1300 ppm

MBE : monobutyl ether, MEE : monoethyl ether

MME : monomethyl ether, MMEAc : monomethyl ether acetate

## Calibration gas generation

Diffusion tube method