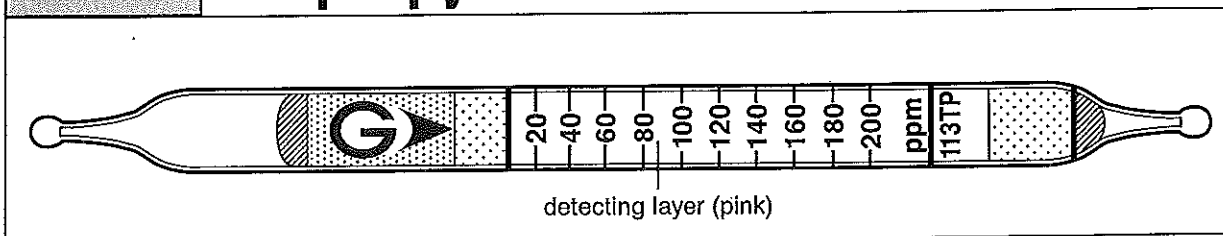


Detector tube

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



## Performance

Measuring range	20 to 200 ppm	200 to 400 ppm
Sampling Rate	100 ml/min (1000ml)	100 ml/min (500ml)
Correction factor	1	2
Sampling time	10 min	5 min

Detecting limit : 5 ppm (1000 ml)  
 Colour change : Pink → Pale blue  
 Corrections for temperature : Necessary for 0 to 40°C  
 Corrections for humidity : Unnecessary for R.H. 10 to 90 %  
 Relative standard deviation : 10 % (for 20 to 60 ppm), 5 % (for 60 to 200 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
Ketones, Esters		No	No
Aliphatic hydrocarbons		No	No
Aromatic hydrocarbons		No	No

## Calibration gas generation

Diffusion tube method

TLV-TWA : 200 ppm

TLV-STEL : 400 ppm

Explosive range : 2 to 12.7 %