

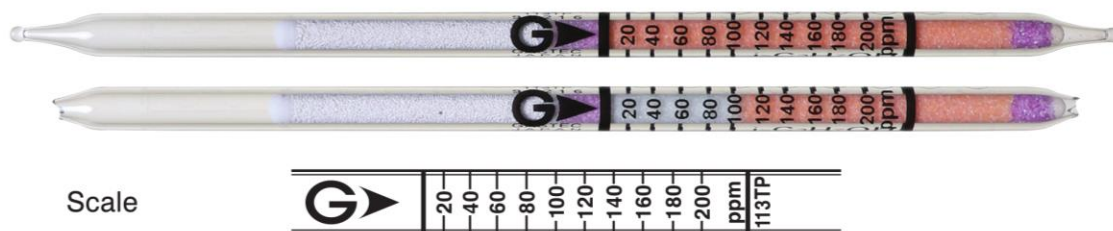


Isopropyl Alcohol

Part No.: 113TP

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 (1000 mL)	100 mL/min (500 mL)
Correction factor	1	2
Sampling time	10 min	5 min
Detecting limit :	5 ppm (1000 mL)	
Colour change :	Pale vermillion → Pale blue	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 10 to 90 % correction not used	
Relative standard deviation :	10 % (for 20 to 60 ppm), 5 % (for 60 to 200 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acetone		No	No
Alcohols		+	Pale blue
Ethyl acetate		No	No
Toluene		No	No
n-Hexane		No	No
Benzene		No	No

Calibration gas generation

Diffusion tube method