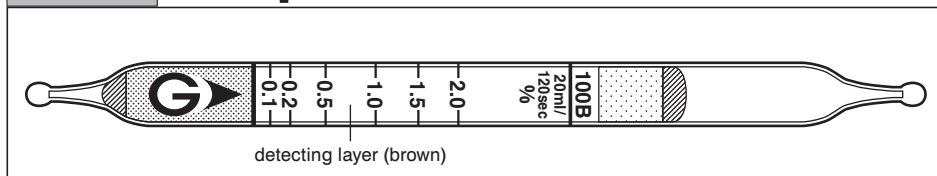


Injection type
detector tube

Propane $\text{CH}_3\text{CH}_2\text{CH}_3$

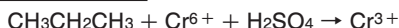
No. 100B



Performance

Measuring range	0.1 to 2 %
Sampling volume	20 ml
Sampling (injection) time	2 minutes
Detecting limit :	0.05 %
Colour change :	Brown → Blackish green
Corrections for temperature & humidity :	Temperature correction is necessary
Relative standard deviation :	10 % (for 0.1 to 0.5 %) , 5 % (for 0.5 to 2.0 %)
Shelf life :	3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Organic solvents ($\geq \text{C}_3$)		+	Blackish green

Calibration gas generation

High pressure gas cylinder method

Special note

This detector tube can be used only with the No.601 Syringe.