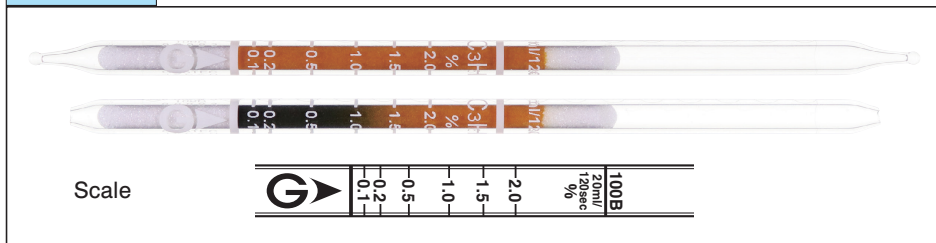


Injection type
detector tube

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

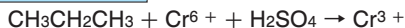
No. 100B



Performance

Measuring range	0.1 to 2.0 %
Sampling volume	20 mL
Sampling (injection) time	2 min
Detecting limit :	0.05 %
Colour change :	Yellowish brown → Greenish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.1 to 0.5 %), 5 % (for 0.5 to 2.0 %)
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
Organic solvents ($\geq \text{C}_3$)		+	Greenish brown

Calibration gas generation

High pressure gas cylinder method

Special note

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