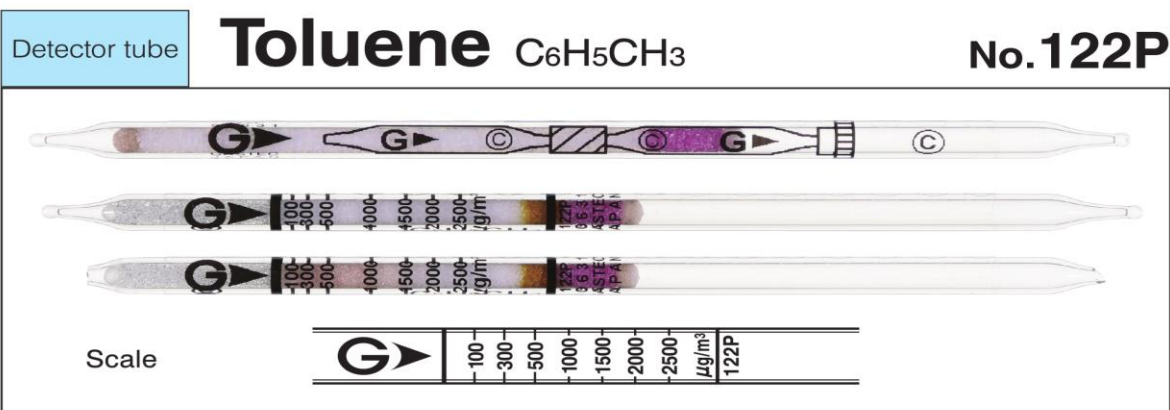




Toluene C₆H₅CH₃

Part No.:122P



Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	100 to 2500 µg/m³	2500 to 7000 µg/m³
Sampling rate	200 mL/min (6000 mL)	200 mL/min (2000 mL)
Correction factor	1	2.8
Sampling time	30 min	10 min
Detecting limit :	50 µg/m³ (6000 mL)	
Colour change :	White → Pale brown	
Operating conditions :	Temperature 5 to 35 °C (41 to 95 °F) correction not used	
	Relative humidity 0 to 80 % correction not used	
Relative standard deviation :	10 % (for 100 to 500 µg/m³), 5 % (for 500 to 2500 µg/m³)	
Tube quantity and number of tests per box :	10 tubes for 5 tests	
Shelf life :	24 months	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ethanol		No	No
p-Dichlorobenzene		No	No
Alpha pinen		No	No
n-Hexane		No	No
Formaldehyde	≤ 1/3	No	No
Xylene, Styrene	≥ 1000 µg/m³	+	} Pale brown
Aromatic hydrocarbons		+	

Other substances measurable with this detector tube

Substance	Correction	Sampling	Measuring range
Ethyl benzene	Factor : 1.1	200 mL/min × 30 min	110 to 2750 µg/m³
Xylene	Factor : 5.4	200 mL/min × 30 min	540 to 13500 µg/m³

Calibration gas generation

Permeation tube method