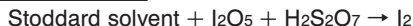


## Performance

This detector tube is calibrated with n-Nonane.

Measuring range	50 to 8000 mg/m <sup>3</sup>
Number of pump strokes	1 (100 mL)
Correction factor	1
Sampling time	1.5 min
Detecting limit :	5 mg/m <sup>3</sup> (1 pump stroke)
Colour change :	White → Brown (ring)
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	15 % (for 50 to 1000 mg/m <sup>3</sup> ), 10 % (for 1000 to 8000 mg/m <sup>3</sup> )
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
Acetylene	≥ 0.2 %	+	} Pale brown (whole layer)
Alcohols, Esters, Ketones		No	
Carbon monoxide	≥ 0.1 %	+	
Ethylene, Hexane	≥ 0.2 %	+	
Aromatic hydrocarbons		+	Dark green

## Calibration gas generation

Vapour pressure method