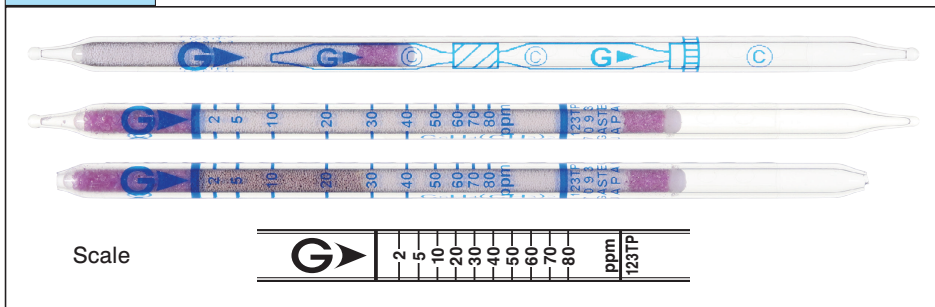


Detector tube

# Xylene C<sub>6</sub>H<sub>4</sub> (CH<sub>3</sub>)<sub>2</sub>

No.123TP



## Performance

When used, these tubes are to be connected.

Measuring range	2 to 80 ppm
Sampling rate	100 mL/min (1000 mL)
Correction factor	1
Sampling time	10 min
Detecting limit :	1 ppm (1000 mL)
Colour change :	White → Brown
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 :	10 % (for 2 to 20 ppm), 5 % (for 20 to 80 ppm)
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
Carbon monoxide	≧ 75 ppm	Unclear demarcation	Brown (when 50 ppm or higher)
Ethyl benzene	≧ 1/3	+	Brown
Ethyl acetate	≧ 400 ppm	No	No
Dichloromethane	≧ 30 ppm	No	No
N,N-Dimethylformamide	≧ 25 ppm	No	No
Trichloroethylene	≧ 1/2	+	No
Toluene	≧ 1/3	+	Brown
n-Hexane	≧ 200 ppm	Unclear demarcation	No
Methanol	≧ 200 ppm	No	No

## Calibration gas generation

Diffusion tube method