

**Performance**

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

Measuring range	100 to 2500 µg/m ³	2500 to 7000 µg/m ³
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/m ³	+	} Pale brown
Aromatic hydrocarbons		+	

Other substances measurable with this detector tube

Substance	Correction	Sampling Correction	Measuring range
Ethyl benzene	Factor : 1.1	200 mL/min × 30 min	110 to 2750 µg/m ³
Xylene	Factor : 5.4	200 mL/min × 30 min	540 to 13500 µg/m ³

Calibration gas generation

Permeation tube method