| Detector tube | **Trichloroethylene** Cl₂C:CHCl **No.132P** |

Scale
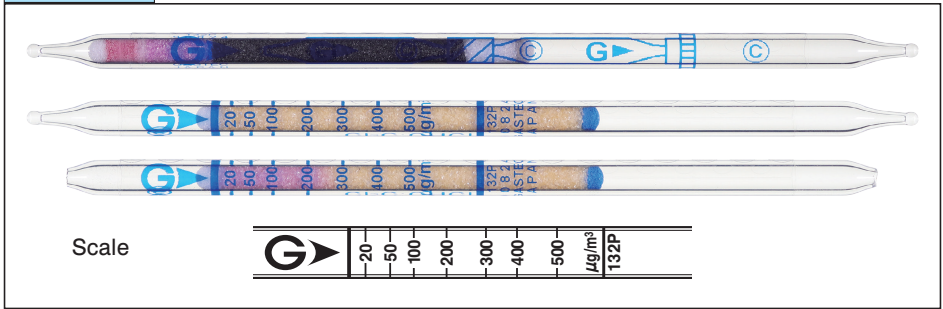
Performance

Measuring range	20 to 500 μg/m³	500 to 1200 μg/m³
Sampling rate	100 mL/min （3000 mL）	100 mL/min （1500 mL）
Correction factor	1	2.4
Sampling time	30 min	15 min

Detecting limit : 5 μg/m³ （3000 mL）
Colour change : Yellow → Purple
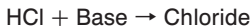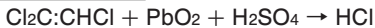Operating conditions : Temperature 5 to 40 °C (41 to 104 °F) correction used
Relative humidity 20 to 80 % correction not used
Relative standard deviation : 10 % （for 20 to 100 μg/m³）, 5 % （for 100 to 500 μg/m³）
Tube quantity and number of tests per box : 10 tubes for 5 tests
Shelf life : 24 months

Reaction principle

Cl₂C:CHCl + PbO₂ + H₂SO₄ → HCl
HCl + Base → Chloride

Possible coexisting substances and their interferences

Substance	Interference	Changes colour by itself to
Hydrogen chloride, Chlorine	No	No
Vinyl chloride	+	Purple
1,2-Dichloroethylene	+	Purple
Tetrachloroethylene	+	Purple
1,1,1-Trichloroethane	No	No
Toluene	No	No
Xylene	No	No

Calibration gas generation

Permeation tube method

Special note

In case of outdoor measurement, keep the tube out of direct sunlight.