

Performance

Measuring range	0.2 to 5.0 mg/m ³
Sampling Rate	1000 ml/min (20000 ml)
Correction factor	1
Sampling time	20 min

Colour change : Pale vermilion → Pale blue

Corrections for temperature : Unnecessary for 0 to 40°C

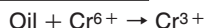
Corrections for humidity : Unnecessary for absolute humidity 0 to 3 mg/l*

Relative standard deviation : 15 % (for 0.2 to 1.0 mg/m³), 10 % (for 1.0 to 5.0 mg/m³)

Shelf life : 2 years

*When the humidity exceeds 3 mg/l the reagent stains to yellow although the reading will not be affected

Reaction principle



Calibration gas generation

Diffusion tube method

Special note

Use of the Compressed Breathing Air Measurement Kit Model. No.CG-1

When Airtec tube used with the Model. No.CG-1 kit, make sure to preset the flow rate of the CG-1 device and adjust the sampling time according to the following table. For the measurement procedure, carefully read and follow the instruction manual supplied with the CG-1 kit.

Measuring range	0.2 to 5.0 mg/m ³
Sampling time	10 min
Specified flow rate	3000 ml/min (±250 ml/min)
Correction factor	1