

### Performance

Measuring range	0.1 to 0.2 mg/m <sup>3</sup>	0.2 to 5.0 mg/m <sup>3</sup>
Sampling rate	1000 mL/min (40000 mL)	1000 mL/min (20000 mL)
Correction factor	0.5	1
Sampling time	40 min	20 min

Colour change :

Pale vermilion → Pale blue

Operating conditions :

Temperature 0 to 40 °C (32 to 104 °F) correction not used

Absolute humidity 0 to 3 mg/L correction not used\*

Relative standard deviation :

15 % (for 0.2 to 1.0 mg/m<sup>3</sup>), 10 % (for 1.0 to 5.0 mg/m<sup>3</sup>)

Tube quantity and number of tests per box :

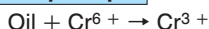
10 tubes for 10 tests

Shelf life :

24 months

\*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	0.1 to 0.2 mg/m <sup>3</sup>	0.2 to 5.0 mg/m <sup>3</sup>
Sampling time	20 min	10 min
Specified flow rate	3000 mL/min (± 250 mL/min)	3000 mL/min (± 250 mL/min)
Correction factor	0.5	1