



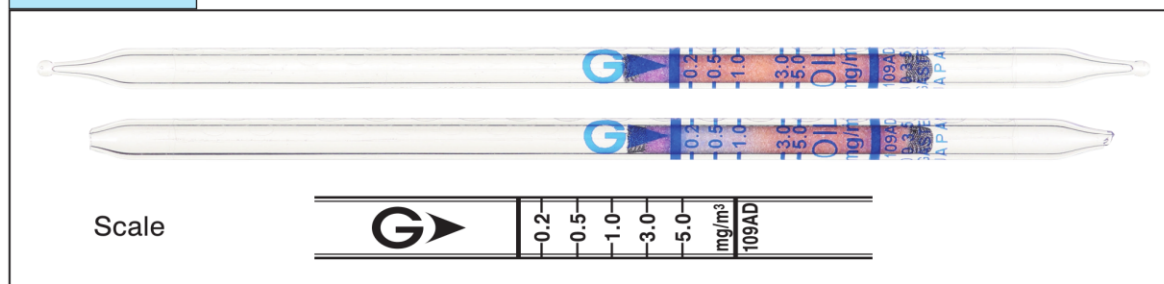
Oil Mist

Part No.:109AD

Airtec

Oil Mist

No.109AD



Performance

Measuring range	0.1 to 0.2 mg/m ³	0.2 to 5.0 mg/m ³
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 vermillion → 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/m³), 10 % (for 1.0 to 5.0 mg/m³)

Tube quantity and number of tests per box :

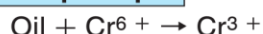
10 tubes for 10 tests

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 ³	0.2 to 5.0 mg/m ³
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