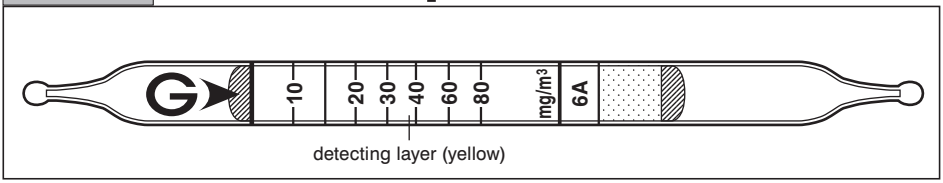
Airtec

Water Vapour H_2O

No.6A



Performance

Measuring range	10 to 80 mg/m^3
Sampling rate	100 ml/min (500 ml)
Correction factor	1
Sampling time	5 min

Colour change : Yellow → Green
May produce "purple" colour at higher concentrations
Corrections for temperature : Unnecessary for 0 to 40˚C
Relative standard deviation : 5 %(for 20 to 80 mg/m^3)
Shelf life : 3 years

Reaction principle

$H_2O + Mg(ClO_4)_2 \rightarrow Mg(ClO_4)_2 \cdot H_2O$

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	10 to 80 mg/m^3
Sampling time	5 min
Specified flow rate	120 ml/min (±10 ml/min)
Correction factor	1