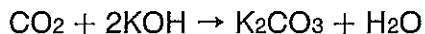
**Performance**

Measuring range :	0.02 to 12 %
Sampling time :	0.5 to 10 hours
Colour change :	Pale red → Yellow
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 0.2 to 6 %·hr)
Shelf life :	2 years

Reaction principle**Possible coexisting substances and their interferences** (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≦ 500 ppm	No	No (≦ 500 ppm)
Hydrogen chloride	≦ 300 ppm	No	No (≦ 300 ppm)
Chlorine	≦ 10 ppm	No	No (≦ 5 ppm)
Hydrogen cyanide	≦ 50 ppm	No	No (≦ 30 ppm)
Sulphur dioxide	≦ 15 ppm	No	No (≦ 15 ppm)
Nitrogen dioxide	≦ 10 ppm	No	No (≦ 10 ppm)
Hydrogen sulphide	≦ 50 ppm	No	No (≦ 30 ppm)

Calibration gas generation

High pressure gas cylinder method

Special note

In case of outdoor measurements, keep Dosi-tubes out of direct sunlight. Ultraviolet rays will discolour the reagent (Orange), resulting in an unclear demarcation.