

**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**

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.