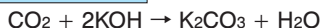


Performance

Measuring range	0.02 to 12 %
Sampling time	0.5 to 10 hours
Colour change :	Pale vermillion → Yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.2 to 6 % · hr)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	30 months

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

Keep tubes out of direct sunlight, which fades the discolouration of the tube.