

**Performance**

Measuring range	10 to 1000 ppm
Sampling time	2 minutes
Detecting limit :	1 ppm
Colour change :	White → Brown
Corrections for water temperature :	Unnecessary (0 – 50°C)
pH value :	pH 5.0 – pH 12.5
Relative standard deviation :	10 % (for 10 to 100 ppm), 5 % (for 100 to 1000 ppm)
Shelf life :	3 years

Reaction principle**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Changes colour by itself to
CO_3^{2-}	≧ 500 ppm	+	No
Cl^-	≧ 15000 ppm	+	No
CrO_4^{2-}	≧ 100 ppm	-	Yellow
SO_3^{2-}	≧ 100 ppm	-	No
$S_2O_3^{2-}$	≧ 100 ppm	+	No

Calibration method

Sodium sulphide standard solution