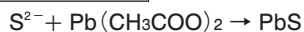
**Performance**

Measuring range	10 to 1000 ppm
Sampling time	2 min
Detecting limit :	1 ppm
Colour change :	White → Brown
Corrections for water temperature :	Unnecessary (0 to 50°C)
pH value :	pH 5.0 to 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
Carbonate ion CO_3^{2-}	≥ 500 ppm	+	No
Chloride ion Cl^-	≥ 15000 ppm	+	No
Chromate ion CrO_4^{2-}	≥ 100 ppm	-	Yellow
Sulphite ion SO_3^{2-}	≥ 100 ppm	-	No
Thiosulphate ion $S_2O_3^{2-}$	≥ 100 ppm	+	No

Calibration method

Sodium sulphide ion standard solution