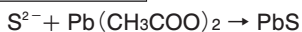
**Performance**

Measuring range	1 to 100 ppm
Sampling time	2 min
Detecting limit :	0.5 ppm
Colour change :	White → Brown
Corrections for water temperature :	Unnecessary (0 to 40°C)
pH value :	pH 3.5 to pH 12.0
Relative standard deviation :	10 % (for 1 to 10 ppm), 5 % (for 10 to 100 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 ⁻	≥ 5000 ppm	+	No
Chromate ion CrO ₄ ²⁻	≥ 25 ppm	-	Yellow
Sulphite ion SO ₃ ²⁻	≥ 300 ppm	-	No
Thiosulphate ion S ₂ O ₃ ²⁻	≥ 50 ppm	Unclear demarcation	No

Calibration method

Sodium sulphide ion standard solution