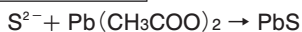
**Performance**

Measuring range	2 to 300 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 4.0 to pH 12.0
Relative standard deviation :	10 % (for 2 to 50 ppm), 5 % (for 50 to 300 ppm)
Shelf life :	3 years

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

Substance	Concentration	Interference	Changes colour by itself to
Carbonate ion CO <sub>3</sub> <sup>2-</sup>	≧ 500 ppm	+	No
Chloride ion Cl <sup>-</sup>	≧ 15000 ppm	+	No
Chromate ion CrO <sub>4</sub> <sup>2-</sup>	≧ 50 ppm	-	Yellow
Sulphite ion SO <sub>3</sub> <sup>2-</sup>	≧ 200 ppm	-	No
Thiosulphate ion S <sub>2</sub> O <sub>3</sub> <sup>2-</sup>	≧ 100 ppm	+	No

**Calibration method**

Sodium sulphide ion standard solution