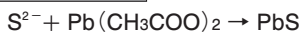
**Performance**

Measuring range	1 to 100 ppm
Sampling time	2 minutes
Detecting limit :	0.5 ppm
Colour change :	White → Brown
Corrections for water temperature :	Unnecessary (0 – 40°C)
pH value :	pH 3.5 – 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
CO <sub>3</sub> <sup>2-</sup>	≧ 500 ppm	+	No
Cl <sup>-</sup>	≧ 5000 ppm	+	No
CrO <sub>4</sub> <sup>2-</sup>	≧ 25 ppm	-	Yellow
SO <sub>3</sub> <sup>2-</sup>	≧ 300 ppm	-	No
S <sub>2</sub> O <sub>3</sub> <sup>2-</sup>	≧ 50 ppm	Unclear demarcation	No

**Calibration method**

Sodium sulphide standard solution