

Calcium Combination Ion Selective Electrode

Specifications	HI4104
Type	polymer membrane; half-cell
Measurement Range	1M to $3 \cdot 10^{-6}$ M 40080 to 0.12 mg/L (ppm)
Optimum pH Range	4 to 10
Temperature Range	0 to 40°C
Approximate Slope	+28
Body O.D.	12 mm
Insertion Length	120 mm
Body Material	epoxy/PVC
Ordering Information	HI4104 combination ISE with 1 m coaxial cable and BNC connector



Total Hardness Chemical Test Kit

The HI3812 chemical test kit measures total hardness as CaCO_3 by titration with EDTA. The HI3812 is supplied complete with all of the reagents and equipment necessary to perform approximately 100 tests.

Pre-made reagents for ease of use

All reagents marked with expiration date and lot number for traceability

Manual titration performed with calmagite indicator

Specifications	HI3812 Total Hardness
Type	titration
Range	0.0 to 30.0 mg/L CaCO_3 ; 0 to 300 mg/L CaCO_3
Smallest Increment	0.3 mg/L (0.0 to 30.0 mg/L); 3 mg/L (0 to 300 mg/L)
Method	EDTA
Number of Tests	100 avg.
Ordering Information	HI3812 test kit comes with 30 mL hardness buffer, 10 mL calmagite indicator, 120 mL EDTA solution, 20 mL plastic beaker with cap, 50 mL plastic beaker with cap and 1 mL syringe with tip.
Reagent	HI3812-100 total hardness (as CaCO_3), 100 tests avg.

