

Water Quality

This test kit is ideal to monitor the amount of the most important chemical parameters in water: alkalinity, chloride, hardness, iron, pH and sulfite.

The kit has all the reagents needed to perform over 100 tests for each parameter (iron has 50). The reagents may also be purchased individually (please see section V for a detailed listing of spare reagents).

pH measurements are performed with our electronic pH tester, **pHep®**, which guarantees more accurate and repeatable readings than litmus paper.

The chemical reagents to perform each test are provided in numerically coded bottles and are easy to identify. The kit is supplied with a convenient hard carrying case, which makes it easy to carry the reagents in the field, as well as helping to keep them neat and organized.

All titration reagents are prestandardized, and do not require chemical handling to perform the analysis.

HANNA instruments® HI 3817 combination test kit offers you all the necessary equipment for accurate and reliable water quality testing.



HI 3817 - Water Quality Test Kit

Parameter	Method	Range*	Smallest Increment	Chemical Method	Number of Tests
Alkalinity (as CaCO ₃)	Titration	0-100 mg/L	1 mg/L	Phenolphthalein/ Bromphenol blue	approx. 110
		0-300 mg/L	3 mg/L		
Chloride (as Cl ⁻)	Titration	0-100 mg/L	1 mg/L	Mercuric Nitrate	approx. 110
		0-1000 mg/L	10 mg/L		
Hardness (as CaCO ₃)	Titration	0.0-30.0 mg/L	0.3 mg/L	EDTA	approx. 100
		0-300 mg/L	3 mg/L		
Iron	Colorimetric	0-5 mg/L	1 mg/L	Phenanthroline	approx. 100
pH	Electronic pH tester	0.0-14.0 pH	0.1 pH	—	life of the meter
Sulfite (as Na ₂ SO ₃)	Titration	0.0-20.0 mg/L	0.2 mg/L	Iodometric	approx. 110
		0-200 mg/L	2 mg/L		

Other Information

Dimensions	440 x 330 x 100 mm (17.3 x 13.0 x 3.9")
Weight	2.1 kg (4.6 lb.)

* 1 mg/L = 1 ppm

For spare reagents, see section V. For accessories, see section U.