

HI3817

Water Quality Test Kit

Accurate and Reliable Water Quality Tests

Monitor the most important chemical parameters in water: alkalinity, chloride, hardness, iron, pH and sulfite with this combination test kit.

The kit has all the reagents needed to perform over 100 tests for each parameter, with the exception of iron, which includes reagents for 50 tests. Reagents may also be purchased individually as they run out (please see our reagent section for a complete listing).

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

The chemical reagents to perform each test are provided in numerically labeled bottles and are easy to identify.

The kit is supplied with a convenient hard carrying case designed with field applications in mind. It will also keep your test kit neat and organized.

The Hanna HI3817 combination test kit offers all the necessary equipment for accurate and reliable water quality testing.



Specifications HI3817 Water Quality Test Kit

Test	Type	Range	Smallest Increment	Method	Number of Tests
Alkalinity (as CaCO ₃)	titration	0-100 mg/L (ppm) 0-300 mg/L (ppm)	1 mg/L (ppm) 3 mg/L (ppm)	phenolphthalein/ bromphenol blue	110 avg.
Chloride (as Cl ⁻)	titration	0-100 mg/L (ppm) 0-1000 mg/L (ppm)	1 mg/L (ppm) 10 mg/L (ppm)	mercuric nitrate	110 avg.
Hardness (as CaCO ₃)	titration	0.0-30.0 mg/L (ppm) 0-300 mg/L (ppm)	0.3 mg/L (ppm) 3 mg/L (ppm)	EDTA	100 avg.
Iron	colorimetric	0-5 mg/L (ppm)	1 mg/L (ppm)	phenanthroline	50 avg
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 (ppm) 0-200 mg/L (ppm)	0.2 mg/L (ppm) 2 mg/L (ppm)	iodometric	110 avg.

Dimensions 440 x 330 x 100 mm (17.3 x 13.0 x 3.9")

Ordering Information

HI3817 test kit includes all of the necessary reagents and accessories to perform over 100 tests for every parameter, with the exception of iron, which include reagents for 50 tests, electronic pH tester, hard carrying case and instructions.

Reagents

HI3811-100 Alkalinity (as CaCO₃), 110 tests avg. **HI70004P** pH 4.01 buffer solution, 20 mL sachets (25)
HI3815-100 Chloride, 110 tests avg. **HI70007P** pH 7.01 buffer solution, 20 mL sachets (25)
HI3812-100 Hardness, total (as CaCO₃), 100 tests avg. **HI70010P** pH 10.01 buffer solution, 20 mL sachets (25)
HI3834-050 iron, 50 tests avg. **HI3822-100** Sulfite (as Na₂SO₃), 110 tests avg.



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