

Swimming Pool



HI 3825 - Combination Swimming Pool 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		
Bromine (as Br ₂)	Colorimetric	0.0-3.0 mg/L	0.6 mg/L	DPD	approx. 60
Chlorine (as Cl ₂)	Colorimetric	0.0-2.5 mg/L	0.5 mg/L	DPD	approx. 50
pH	Electronic pH tester	0.0-14.0 pH	0.1 pH	—	life of the meter

Other Information

Dimensions	370 x 270 x 80 mm (14.6 x 10.6 x 3.1")
Weight	1.1 kg (2.4 lb.)

HI 3887, HI 3888 - Quick-check Swimming Pool Test Kits

Parameter	Method	Range*	Smallest Increment	Chemical Method	Number of Tests
Free Chlorine	Colorimetric	0-2.5 mg/L	0.5 mg/L	DPD	approx. 50
Total Chlorine	Colorimetric	0-2.5 mg/L	0.5 mg/L	DPD	approx. 50
pH	Colorimetric	6.0-8.5 pH	0.5 pH	pH indicator	approx. 100

Other Information

Weight	HI 3887: 170 g (6.0 oz.); HI 3888: 190 g (6.7 oz)
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* 1 mg/L = 1 ppm

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

Swimming pool water requires daily tests of alkalinity, bromine, chlorine, and pH.

Chlorine and bromine are commonly used in swimming pool water because of their disinfectant properties, which kill micro-organisms.

Alkalinity and pH are monitored because their concentration in pool water affects the proper activity of the disinfecting agents.

Bromine and chlorine tests are colorimetric (color comparison), alkalinity is a titration and pH tests are performed with HANNA instruments' pH pocket tester, pHep®.

The latter guarantees more accuracy than litmus papers and over a wider range.

The kit is supplied complete and ready to use. It is also provided with a hard carrying case which makes it convenient to perform tests outdoors, and has a step-by-step instruction manual that guides you through the procedures.

Quick-check test kits combine two basic parameters in swimming pool monitoring. These kits are ideal for cost saving tests.

Spare reagents for each individual test may be purchased separately (for a complete listing of spare reagents, please refer to section V).

- HI 3825: kit for alkalinity, bromine, chlorine and pH
- HI 3887: quick-check test kit for free chlorine and pH
- HI 3888: quick-check test kit for total chlorine and pH