



## pH and Total Hardness Meter

Constant monitoring of hardness levels is critical in many applications.

Water hardness is easily noticed in laundry applications, where its presence greatly reduces the effectiveness of soaps and detergents.

High levels of hardness in the water supply is also a major industrial concern.

The scaling caused by hard water in pipes and equipment can cause costly loss of efficiency and result in failure of machinery.

Unlike multi-parameter colorimeters or spectrophotometers, the HI 93725 is very simple to operate: just zero your sample, pour the reagent in the cuvet, and take a direct reading.



### Specifications

HI 93725 (pH and Total Hardness)		
Range	pH	5.9 to 8.5 pH
	Total Hardness	0.00 to 4.70 mg/L
Resolution	pH	0.1
	Total Hardness	0.01 mg/L
Accuracy (@20°C/68°F)	pH	±0.1
	Total Hardness	±0.11 mg/L ± 5% of reading
Light Source	LED (Light Emitting Diode) 555 nm	
Light Life	Life of the instrument	
Light Detector	Silicon Photocell	
Battery Type / Life	1 x 9V / approx. 40 hours of continuous use; Auto-off after 10 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")	
Weight	290 g (10 oz.)	
Method	pH	Phenol red method
	Total Hardness	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18 <sup>th</sup> ed., Calmagite/Colorimetric method

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 93710-01	Reagent kit for 100 tests (pH)
HI 710010	Shockproof rubber boot, orange	HI 93710-03	Reagent kit for 300 tests (pH)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93719-01	Reagent kit for 100 tests (Total Hardness)
HI 93703-50	Cuvet cleaning solution (230 mL)	HI 93719-03	Reagent kit for 100 tests (Total Hardness)
HI 731321	Measuring cuvet (4 pcs)		
HI 731325	Cuvet cap (4 pcs)		

For a comprehensive list of accessories, see sections U and V

### Ordering Information

HI 93725 is supplied complete with 3 cuvetts, battery and instructions.