



## Chlorine and pH Meter

HANNA instruments® has developed HI 93710, a portable microprocessor-based instrument to measure pH, free chlorine and total chlorine, three critical parameters to ensure good water quality.

This instrument uses state-of-the-art technology to quickly and accurately determine the concentration of these parameters making it an excellent alternative to several chemical test kits.

- 3 meters in one: measures pH, free and total chlorine
- DPD (chlorine) and phenol red (pH) methods
- Lab grade accuracy and fast response
- Self diagnostic and error messages
- 300 tests with one battery
- Auto shut-off after 10 minutes



HI 93710C is a complete kit for all your measurement needs in the field

### Ordering Information

HI 93710 is supplied complete with 2 cuvetts, battery and instructions.

HI 93710C, kit includes HI 93710, hard carrying case and reagents.



### Specifications

#### HI 93710 (Free and Total Chlorine, pH)

Range	Free Chlorine	0.00 to 2.50 mg/L
	Total Chlorine	0.00 to 3.50 mg/L
	pH	5.9 to 8.5 pH
Resolution	Chlorine	0.01 mg/L
	pH	0.1 pH
Accuracy (@20°C/68°F)	Chlorine	±0.03 mg/L ±3% of reading
	pH	±0.1 pH
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	Chlorine	Adaptation of the EPA recommended DPD method 330.5,
	pH	Phenol red method

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 93710-03	Reagent kit for 300 tests (pH)
HI 710010	Shockproof rubber boot, orange	HI 93711-01	Reagent kit for 100 tests (Total Cl <sub>2</sub> )
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93711-03	Reagent kit for 300 tests (Total Cl <sub>2</sub> )
HI 731321	Measuring cuvet (4 pcs)	HI 93711-D3	DPD3 reagent for 600 tests (Total Cl <sub>2</sub> )
HI 731325	Cuvet cap (4 pcs)		
HI 93703-50	Cuvet cleaning solution (230 mL)		
HI 93701-01	Reagent kit for 100 tests (Free Cl <sub>2</sub> )		
HI 93701-03	Reagent kit for 300 tests (Free Cl <sub>2</sub> )		
HI 93701-F	Liquid reagent Kit for 300 tests (Free Cl <sub>2</sub> )		
HI 93701-T	Liquid reagent Kit for 300 tests (Total Cl <sub>2</sub> )		
HI 93710-01	Reagent kit for 100 tests (pH)		
		<b>Calibration Standards for Free Chlorine:</b>	
		HI 93701-00	0.00 mg/L Free Cl <sub>2</sub> set (4 pcs)
		HI 93701-25	0.25 mg/L Free Cl <sub>2</sub> set (4 pcs)
		HI 93701-50	0.50 mg/L Free Cl <sub>2</sub> set (4 pcs)
		HI 93701-10	1.00 mg/L Free Cl <sub>2</sub> set (4 pcs)
		HI 93701-11	0.00, 0.25, 0.50, 1.00 mg/L Free Cl <sub>2</sub> set

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