



Chlorine, Free & Total

- Choose the Appropriate Range for Your Application
- Greater Resolution and Accuracy
- Immediate Results

Chlorine is the most commonly used water disinfectant. Applications vary from treatment of drinking water and wastewater to pool and spa sanitization and food processing to sterilization. The HANNA instruments® line includes colorimetric chemical test kits, measuring both free and total chlorine. The instruments featured in this section provide greater resolution, better accuracy and immediate results. Choose between three different models: HI 93701 for measuring free chlorine and HI 93711 for free (0 to 2.5 mg/L) and total (0 to 3.5 mg/L) chlorine. For applications that require a more extensive measurement range, HANNA instruments® also offers the HI 93734 which measures both free and total chlorine from 0.00 to 9.99 mg/L.

HI 93701 is supplied complete with 2 cuvetts, batteries and instructions. HI 93701C, kit includes HI 93701, hard carrying case and reagents. HI 93711 is supplied complete with 2 cuvetts, batteries and instructions. HI 93711C, kit includes HI 93711, hard carrying case and reagents. HI 93734 is supplied complete with 2 cuvetts, batteries and instructions.

Available Accessories:

HI 93701-01	Powder reagent kit, 100 tests
HI 93701-03	Powder reagent kit, 300 tests
HI 93701-F	Liquid reagent kit, 300 tests
HI 93701-T	Liquid reagent kit, 300 tests
HI 93711-D3	DPD3 Reagent, 600 tests
HI 93711-01	Powder reagent kit, 100 tests
HI 93711-03	Powder reagent kit, 300 tests
HI 93734-01	Liquid reagent kit, 100 tests
HI 93734-03	Liquid reagent kit, 300 tests
HI 93701-00	0.00 mg/L F Cl ₂
HI 93701-25	0.25 mg/L F Cl ₂
HI 93701-50	0.50 mg/LF Cl ₂
HI 93701-10	1.00 mg/L F Cl ₂
HI 93701-11	0.00, 0.25, 0.50, 1.00 mg/L F Cl ₂

Specifications:

Range HI 93701	0.00 to 2.50 mg/L
Range HI 93711	0.00 to 2.50 mg/L; 0.00 to 3.50 mg/L
Range HI 93734	0.00 to 9.99 mg/L; 0.00 to 9.99 mg/L
Resolution	0.01 mg/L
Accuracy (@20°C/68°F)	±0.03 mg/L ±3% 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 inactivity
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 in.)
Weight	290 g (10 oz.)
Method	Adaptation of the EPA recommended DPD method 330.5. The reaction between chlorine and the DPD reagent causes a pink tint in the sample.