

HI981504/5 • HI981504/7

pH/TDS and Temperature Monitor

- Backlit, graphic LCD display
- Automatic temperature compensation (ATC)

Set-up for the HI981504 is simple; install the HI981504 near the sample to be tested, plug the indicator in, and immerse the probes. pH, TDS and temperature measurements will be simultaneously displayed on three backlit LCDs.

Users can easily select the temperature unit (°C or °F) on the back panel.

The HI1286 gel-filled pH electrode is provided with a waterproof sleeve to protect the BNC connector. The unique design of the electrode provides longer life in aggressive solutions. The HI7634 TDS probe is easy to clean and requires little maintenance. Measurements are accurate and the meter can be calibrated at one or two points for pH and at a single point for TDS. Temperature is factory-calibrated.



Specifications

HI981504/5 • HI981504/7

pH	Range	0.0 to 14.0
	Resolution	0.1
	Accuracy	±0.2
TDS	Range	0 to 1990 ppm
	Resolution	10 ppm
	Accuracy	±2% F.S
Temperature	Range	-10.0 to 60.0°C or -14.0 to 140.0°F
	Resolution	0.1°C or 0.1°F
	Accuracy	±0.3°C or ±0.5°F
Additional Specifications	pH Calibration	manual, two-point through trimmers
	TDS Calibration	manual, one-point through trimmer
	TDS Factor	HI981504/5: 0.5; HI981504/7: 0.7
	Probes	pH: HI1286 PEI body pH electrode with 2 m (6.6') cable (included); TDS: HI7634 TDS probe (fixed); temperature: stainless steel with 2 m cable (fixed)
	Temperature Compensation	automatic from 5 to 50°C (41 to 122°F), for TDS readings only
	Power Supply	12 VDC adapter (included)
	Environment	0 to 50°C (32 to 122°F); 95% RH
	Dimensions/Weight	160 x 110 x 35 mm (6.3 x 4.3 x 1.4")/560 g (1.2 lbs.)
Ordering Information	HI981504/5-1 (115V) and HI981504/5-2 (230V) are supplied with HI1286 pH electrode, HI7634 TDS probe (fixed), temperature probe (fixed), HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, HI70032 1382 ppm calibration solution sachet, HI700661 electrode cleaning solution sachet (2), screwdriver, 12 VDC adapter and instructions.	
	HI981504/7-1 (115V) and HI981504/7-2 (230V) are supplied with HI1286 pH electrode, HI7634 TDS probe (fixed), temperature probe (fixed), HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, HI70442 1500 ppm calibration solution sachet, HI700661 electrode cleaning solution sachet (2), screwdriver, 12 VDC adapter and instructions.	

For a list of our pH calibration and electrode solutions, see section 3;
for TDS solutions, see section 6