

HI991401 (pH Gro'Chek)

pH and Temperature Monitor

- Automatic Temperature Compensation (ATC)
- HOLD button to freeze readings on the display
- Waterproof
- Backlit, graphic LCD display

This monitor from Hanna has a large backlit LCD to give users instantaneous readings of both pH and temperature that can be easily read in dim light. The HI991401 provides automatic calibration, automatic buffer selection and automatic temperature compensation.

The HI991401's waterproof housing has been designed to meet the grower's need for a monitor that is well-suited to the environments found in agricultural and hydroponics applications. Measurements are highly accurate and can be verified with one-or two-point calibrations. With a 12 VDC power supply included with the meter, low battery failures are never an issue.

The HI1293 pH electrode has been specially designed to address the needs of growers. Its design guarantees greater clogging resistance in fertilizer solutions with high concentrations of nutrients to ensure longer electrode life.



Specifications

HI991401 (pH Gro'Chek)

pH	Range	0.0 to 14.0 pH
	Resolution	0.1 pH
	Accuracy	±0.1 pH
Temperature	Range	0.0 to 60.0°C (32.0 to 140.0°F)
	Resolution	0.1°C (0.1°F)
	Accuracy	±0.5°C (±1°F)
Additional Specifications	Probes	HI1293 PEI body, pre-amplified pH electrode with 1/2" NPT pipe thread, DIN connector and 2 m (6.6') cable (included); HI1294 temperature probe with 1.2" NPT pipe thread and 2 m (6.6') cable (fixed)
	pH Calibration	automatic, one or two points with two sets of memorized buffers (pH 4.01/ 7.01/10.01 or pH 4.01/6.86/9.18)
	Input Impedance	10 ¹² Ohm
	Power Supply	12 VDC adapter (included)
	Environment	0 to 50°C (32 to 122°F); RH max 95%
	Dimensions	160 x 105 x 31 mm (6.2 x 4.1 x 1.2")
	Weight	190 g (6.7 oz.) - meter only
	Ordering Information	HI991401-01 (pH Gro'Chek) (115V) and HI991401-02 (pH Gro'Chek) (230V) are supplied with HI1293D pH electrode, HI1294 temperature probe (fixed), HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, 12 VDC power adapter and instructions.

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