

Waterproof

HI 991401-01

Gro'Chek pH and Temperature Monitor

Waterproof
Measure in °C or °F
Stability indicator
HOLD function
Backlit display

This indicator 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 HI 991401-01 provides automatic calibration, automatic buffer selection and automatic temperature compensation.

HI 991401-01's waterproof housing has been designed to meet the growers' need for an indicator that is well suited to withstand the aggressive 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 pH electrode has been specially designed to address the needs of growers. It's design guarantees greater clogging resistance in fertilizer solutions with high concentrations of phosphate, nitrate, etc. to ensure longer electrode life.

Order Information:

HI 991401-01 (115V) and HI 991401-02 (230V) are supplied with HI 1293D pH electrode, HI 1294 temperature probe (fixed), HI 70004 pH 4.01 buffer solution sachet, HI 70007 pH 7.01 buffer solution sachet, 12 VDC power adapter and instructions.

- **Specifications**

- **Accessories**

- **Downloads**

Range	pH	0.0 to 14.0 pH
	Temperature	0.0 to 60.0°C (32 to 140°F)
Resolution	pH	0.1 pH
	Temperature	0.1°C (0.1°F)
Accuracy	pH	±0.1 pH
	Temperature	±0.5°C (±1°F)
Probes	HI 1293D PEI body, pre-amplified pH electrode with 1/2" NPT pipe thread, DIN connector and 2 m (6.6') cable (included); HI 1294 temperature probe with 1.2" NPT pipe thread and 2 m (6.6') cable (fixed)	
pH Calibration	automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01 / 7.01 / 10.01 or pH 4.01 / 6.86 / 9.18)	
Temperature Compensation	Automatic	
Input Impedance	10 ¹² Ohm	
Power Supply	12 Vdc power adapter (included)	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions	160 x 105 x 31 mm (6.3 x 4.1 x 1.2)	
Weight	190 g (6.7 oz.) - meter only	