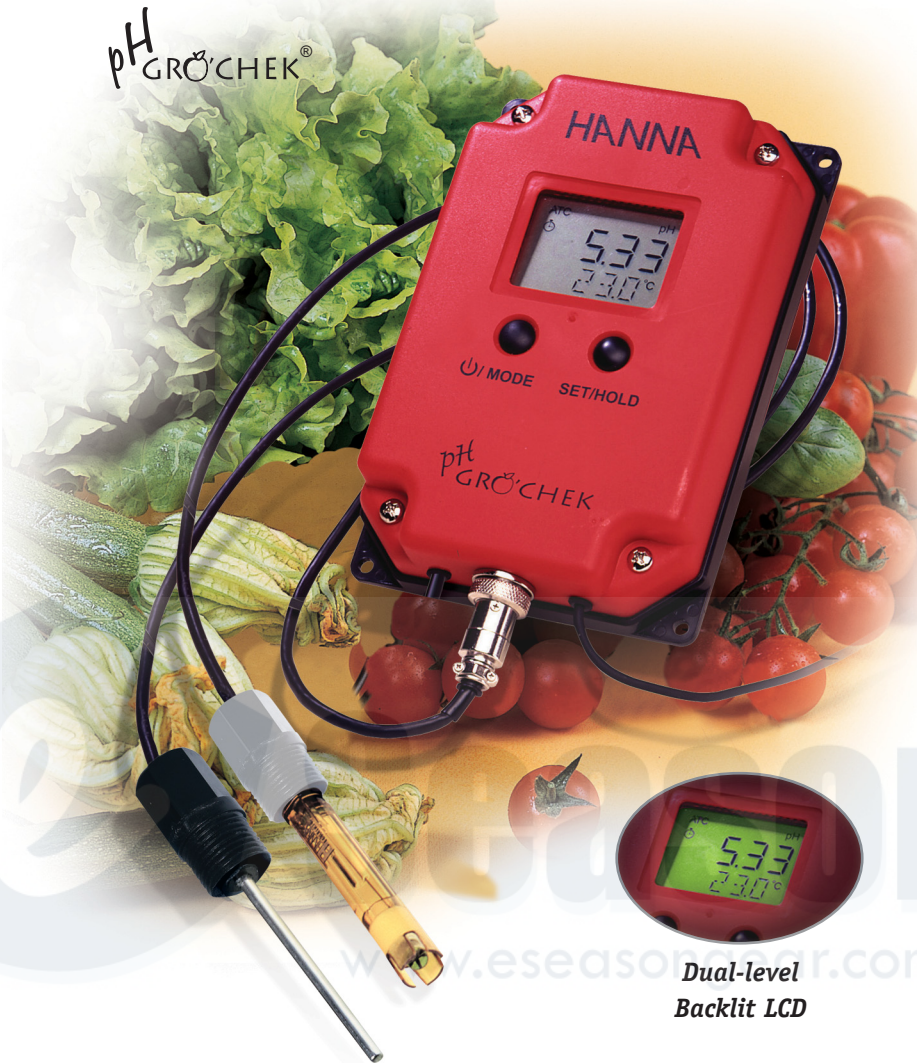


HI 991401

pH and Temperature Monitor

with Large Backlit LCD



Dual-level
Backlit LCD

Ideal for Agriculture and Aquariums

This indicator from HANNA has a large, dual-level, backlit LCD to give users instantaneous readings of both pH and temperature that can be easily read in dim light. The HI 991401 microprocessor provides for automatic calibration, automatic buffer selection and automatic temperature compensation.

HI 991401's waterproof housing has been designed to meet the grower's need and 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 interchangeable 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. This major improvement ensures longer life for your electrode!

- Waterproof
- Measure in °C or °F
- Stability indicator
- Extra-large display
- 12 VDC power supply

SPECIFICATIONS**HI 991401**

Range	pH	0.0 to 14.0 pH
	temperature	0.0 to 60.0°C (32.0 to 140.0°F)
Resolution	pH	0.1 pH
	temperature	0.1°C (0.1°F)
Accuracy (@20°C/68°F)	pH	±0.1 pH
	temperature	±0.5°C (±1°F)
Probes	HI 1293D pH electrode (included) and HI 1294 temperature probe (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 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	

ORDERING INFORMATION

HI 991401-01 (115V) and **HI 991401-02** (230V) is supplied with pH 4.01 and 7.01 buffer solutions 20 mL, HI 1293D pH-electrode with differential input signal, Hanna 12 VDC power adapter and instruction manual

ELECTRODES

- HI 1293D** pH electrode with DIN connector and external thread
- HI 1294** Temperature probe*

SOLUTIONS

- HI 7004M** pH 4.01 calibration solution, 250 mL
- HI 7007M** pH 7.01 calibration solution, 250 mL
- HI 7010M** pH 10.01 calibration solution, 250 mL
- HI 77400P** pH 4 and pH 7 solution, (10) 20mL sachets, (5)
- HI 70300M** Electrode storage solution, 250 mL
- HI 7061M** Electrode cleaning solution, 250 mL

ACCESSORIES

- HI 710005** 115 Vac/12 Vdc pwr adapter (US)
- HI 710006** 230 Vac/12 Vdc pwr adapter (EURO)

*Replaceable by technical personnel only.