



Water Resistant pH Indicator



The pH indicator HI 981401N has been designed to meet the Grower's need for equipment suited to the aggressive environments found in agricultural and hydroponics applications. The housing is water-resistant and features a molded eye which allows installation right above the sample to be monitored. Measurements are highly accurate and can be verified with one or two point calibration. Low batteries and battery changes are no longer a problem thanks to a 12 Vdc power supply included with the meter. The electrode is interchangeable and the connector is well-protected behind a waterproof sheath. The meter is supplied with a stainless steel probe, preventing potential grounding problems and ensuring extended electrode life. The gel-filled 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 phosphate, nitrate, etc.

Specifications

HI 981401N	
Range	0.0 to 14.0 pH
Resolution	0.1 pH
Accuracy (@20°C/68°F)	±0.2 pH
Calibration	manual 2 point, at pH 4 and 7
pH electrode	HI 1286, plastic body, double junction, Teflon® membrane, with 2m (6.6') cable and BNC connector (included)
Input impedance	10 ¹² Ohm
Power supply	12 Vdc power adapter (included)
Environment	0 to 50°C; RH max 100%
Dimensions	86 x 110 x 43 mm (3.4 x 4.3 x 1.7 ")
Weight	150 g (5.3 oz.)

Accessories

HI 1286	pH electrode, 2 m (6.6') cable	HI 77400P	pH 4 and pH 7 sachets (20 mL, 5 pcs each)
HI 1283	Stainless steel grounding bar with 2 m (6.6') cable; to be replaced by authorized technical personnel only	HI 70300M	Electrode storage solution, 230 mL bottle
HI 70000P	Electrode rinsing solution, 20 mL sachet, 25 pcs	HI 7061M	Electrode cleaning solution, 230 mL bottle
HI 7004M	pH 4.01 calibration solution, 230 mL bottle	HI 710005	115 Vac/12 Vdc power adapter
HI 7007M	pH 7.01 calibration solution, 230 mL bottle	HI 710006	230 Vac/12 Vdc power adapter

Ordering Information

HI 981401N is supplied complete with HI 1286 pH electrode, 12 Vdc adapter, HI 1283 stainless steel grounding bar, pH 4 and pH 7 calibration solutions (20 mL each), calibration screwdriver and instructions.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For pH electrodes see section E.