



**Pronto**  
pH

## Water Resistant pH indicator with Visual Alarm for Water Treatment



HI 981402 is a water-resistant pH meter with a built-in 3½-digit LCD.

The meter is supplied with the HI 1286 double-junction, plastic-body, gel-filled combination pH electrode with a 2 meter (6.6') cable. The BNC connector is protected by a waterproof sheath. The electrode also has a unique clog-resistant Teflon® diaphragm.

The alarm setpoint can be selected anywhere in the 3 to 11 pH range. A red LED warns the user in the event the reading is outside the setpoint by more than ±0.5 pH. Calibration can be manually performed at 1 or 2 points through two easily accessible trimmers on the front of the unit.

The meter is suited for outdoor installations and highly humid environments. The casing has been specially designed to give maximum stability and prevent rolling from any surface. In addition, the molded hook allows the meter to be easily installed close to the sample. The 12 Vdc power supply is ideal for continuous monitoring over extended periods of time.

### Specifications

	HI 981402
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
Setpoint	adjustable from 3.0 to 11.0 pH
Alarm	red LED (blinks when pH reading differs from the setpoint more than ±0.5 pH)
pH electrode	HI 1286, plastic body, double junction Teflon® membrane, with 2m (6.6') cable and BNC connector (included)
Input impedance	10 <sup>12</sup> Ohm
Power supply	12 Vdc adapter (included)
Environment	0 to 50°C (32 to 122°F); 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 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, US plug
HI 7007M	pH 7.01 calibration solution, 230 mL bottle	HI 710006	230 Vac/12 Vdc power adapter, European plug
HI 77400P	pH 4 and pH 7 sachets (20 mL, 5 pcs each)		

### Ordering Information

HI 981402 is supplied complete with HI 1286 pH electrode, 12 Vdc adapter, 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.