HI 981402

pH Indicator

- **Water resistant**
- **LED alarm**
- **Clog-resistant electrode**

HI 981402 is a water resistant pH meter with a built-in digital LCD. The meter is supplied with the HI 1286 double junction, plastic-body, gel-filled combination pH electrode with a flexible 2 m (6.6') cable. The electrode also has a unique clog resistant PTFE junction that enhances both probe life and accuracy. The BNC connector is protected by a waterproof sleeve.

The alarm set point 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 set point by more than ±0.5 pH. Calibration can be manually performed at two points through two easily accessible trimmers on the front of the unit.

The HI 981402 is suited for outdoor installations and highly humid conditions. The molded eye allows the meter to be installed close to the sample and the 12 VDC power supply is ideal for continuous monitoring for 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, one or two points
Set Point	adjustable from 3.0 to 11.0 pH
Alarm	red LED (blinks when pH reading differs from the set point more than ±0.5 pH)
pH Electrode	HI 1286 PEI body pH electrode with 2 m (6.6') cable (included)
Input Impedance	10^{12} 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.)

ORDERING INFORMATION

HI 981402-01 (115V) and **HI 981402-02** (230V) is supplied with HI 1286 pH electrode, calibration screwdriver, 12 VDC power adapter and instructions.

ELECTRODES

HI 1286	PEI body pH electrode with BNC connector and 2 m (6.6') cable

SOLUTIONS

HI 70004P	pH 4.01 buffer solution, 20 mL sachets (25)
HI 70007P	pH 7.01 buffer solution, 20 mL sachets (25)
HI 70010P	pH 10.01 buffer solution, 20 mL sachets (25)
HI 70300L	Electrode storage solution, 500 mL
HI 7061L	Electrode cleaning solution, 500 mL

For a complete list of Solutions, see the end of pH *Section 3*.