



Accurate pH and ORP Monitoring

HI 981406 has been specially designed for water treatment and swimming pool applications where both pH and ORP need to be monitored. Instead of sourcing two different meters, you can now continuously measure both pH and ORP with HI 981406

There are two separate adjustable setpoints for pH and ORP. Once the pH setpoint is exceeded, the appropriate LED light will come on to alert the operator. Likewise, once the ORP level drops below the setpoint, the red ORP light will stay on.

HI 981406 is supplied with HI 1283 ground probe. The HI 1283 ground probe provides you with more reliable readouts by suppressing current effects, which are found in pools. The optional HI 2114P/2 pH electrode and HI 3214P/2 ORP electrode are designed specifically for swimming pools. Both probes are constructed with a specially-designed fiber salt-bridge making each particularly resistant to clogging in pools.

- Continuous monitoring
- Displays pH and mV simultaneously
- Adjustable setpoints



Grounding pin prevents electrical noise (from light, motors, pumps, etc...) from interfering with readings.

www.easeongear.com

ORDERING INFORMATION

HI 981406-01 (115V) and **HI 981406-02** (230V) is supplied with HI 1283 grounding bar, calibration screwdriver and 12 VDC power adapter.

ELECTRODES

HI 2114P/2 pH electrode with plastic body, BNC and 2 m (6.6') cable

HI 3214P/2 ORP electrode with plastic body, BNC and 2 m (6.6') cable

HI 1283 Grounding bar, stainless steel, 2 m (6.6')*

SOLUTIONS

HI 70000P Rinse solution 20 mL sachets (25)

HI 70004P pH 4 cal. sol. 20 mL sachets (25)

HI 70007P pH 7 cal. sol. 20 mL sachets (25)

HI 7020M 200-275 mV cal. sol., 250 mL

HI 7091M Pretreatment reducing sol., 250 mL

HI 7092M Pretreatment oxidizing sol., 250 mL

HI 70300M 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)

SPECIFICATIONS

HI 981406

Range	pH	0.0 to 14.0 pH
	ORP	±999 mV
Resolution	pH	0.1 pH
	ORP	1 mV
Accuracy (@20°C/68°F)	pH	±0.2 pH
	ORP	±5 mV
pH calibration	manual, 1 or 2 points	
Setpoints	pH: adjustable from 5.0 to 9.0 pH; ORP: adjustable from 350 to 850 mV	
Alarms	2 red LEDs (1 for pH and 1 for ORP), light up for pH value > setpoint and/or ORP value < setpoint	
Probes	HI 2114P/2 replaceable pH electrode (not included); HI 3214P/2 replaceable ORP electrode (not included); HI 1283 potential matching pin 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 95%	
Dimensions	165 x 110 x 35 mm (6.4 x 4.3 x 1.4")	
Weight	300 g (10.6 oz.)	

*Replaceable by technical personnel only.