



ORP Indicator with Alarm Signal



HI 982401 is a simple-to-operate, practical meter for ORP (Oxidation Reduction Potential) measurements. It continuously monitors ORP from -999 to +999 mV. Operators can also set the ORP level at which their application will produce the best results.

The HI 982401 front case incorporates a large, bright LED indicator. Should the measurements fall below the user-selectable ORP values, the red LED starts flashing to alert the operator of an undesired condition. Both the LCD and the LED can be seen even from a distance.

HI 982401 has been manufactured to serve as a monitor for swimming pools, spas and research where only the ORP needs to be checked and space or costs are major factors. Thanks to its compact size of 9 cm (3.3") diameter, HI 982401 with its electrode HI 3214P/2, can be mounted in confined spaces and right next to the vat or barrel containing the chemicals. This casing also incorporates a molded eye so that it can be installed with just a screw.

Specifications

HI 982401	
Range	-999 to 999 mV
Resolution	1 mV
Accuracy (@20°C/68°F)	±5 mV
Setpoint	adjustable from 350 to 850 mV
Alarm	red LED; blinks for ORP value < setpoint
ORP electrode	HI 3214P/2, with platinum sensor, plastic body, double fiber junction, gel electrolyte, 2 m (6.6') cable and BNC connector (not included)
Input impedance	10 ¹² Ohm
Power supply	12 Vdc 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 3214P/2	ORP electrode with Platinum sensor, gel filled, BNC connector and 2 m (6.6') cable	HI 70300M	Electrode storage solution, 230 mL bottle
HI 7020M	ORP solution @200-275 mV, 230 mL bottle	HI 7061M	Electrode cleaning solution, 230 mL bottle
HI 7091M	Pretreatment reducing solution, 230 mL bottle	HI 710005	115 Vac/12 Vdc adapter
HI 7092M	Pretreatment oxidizing solution, 230 mL bottle	HI 710006	230 Vac/12 Vdc adapter

Ordering Information

HI 982401 is supplied complete with 12 Vdc power adapter and instructions.

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