

**Pronto**  
ORP

## 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

| <b>HI 982401</b>      |   |
|-----------------------|---|
| 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 <sup>12</sup> 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.