

HI2210 · HI2211

## pH Benchtop Meters

- Automatic temperature compensation (ATC)
- Two-point calibration
- Simple to operate
- Reading stability indicator
- Measurement recall

The HI2211 and HI2210 are accurate and affordable benchtop pH and °C meters. The HI2211 can also be used to measure Oxidation Reduction Potential (ORP) in the mV range.

The calibration process is guided step-by-step through graphics shown on the LCD.

Designed to be easy to use, these instruments also feature a reading stability indicator used during calibration and a measurement recall function.

pH measurements for both instruments are compensated for the temperature effect manually or automatically with the HI7662 temperature probe. These instruments are also equipped with an easy-to-read LCD which shows both the primary reading and °C.



| Specifications            | HI2210   | HI2211   |  |
|---------------------------|--|--|--|
| pH                        | Range  | -2.00 to 16.00 pH  | -2.00 to 16.00 pH                        |
|                           | Resolution   | 0.01 pH  | 0.01 pH                                  |
|                           | Accuracy   | ±0.01 pH   | ±0.01 pH                                 |
|                           | pH Calibration   | automatic, one or two-point with five memorized buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01) |  |
|                           | Temperature Compensation   | automatic or manual from -20.0 to 120.0°C  |  |
| mV                        | Range  | -  | ±399.9 mV ; ±2000 mV                     |
|                           | Resolution   | -  | 0.1 mV; 1 mV                             |
|                           | Accuracy   | -  | ±0.2 mV (±399.9 mV);<br>±1 mV (±2000 mV) |
| Temperature               | Range  | -9.9 to 120.0°C (14.2 to 248.0°F)  |  |
|                           | Resolution   | 0.1°C  | 0.1°C                                    |
|                           | Accuracy   | ±0.5°C   | ±0.5°C                                   |
| Additional Specifications | pH Electrode   | HI1131B glass body pH electrode with BNC connector and 1 m (3.3') cable (included)               |  |
|                           | Temperature Probe  | HI7662 stainless steel temperature probe with 1 m (3.3') cable (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 95% non-condensing   |  |
|                           | Dimensions / Weight  | 240 x 187 x 74mm (9.4 x 7.1 x 2.9")  |  |
| Ordering Information      | <b>HI2210-01</b> (115V), <b>HI2210-02</b> (230V), <b>HI2211-01</b> (115V) and <b>HI2211-02</b> (230V) are supplied with HI1131B pH electrode, HI7662 temperature probe, HI76404N electrode holder, HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, HI7082 3.5M KCl electrolyte solution (30 mL), HI700601 cleaning solution sachet, 12 VDC adapter and instructions. |  |  |