



**NOVO AGUA SA DE CV. "Manejando y mejorando el agua".**  
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| Specifications            |                                                                                                                                                                                                                                                                                                                                    | HI98129                                                                                                      | HI98130                                               |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| pH                        | Range                                                                                                                                                                                                                                                                                                                              | 0.00 to 14.00 pH                                                                                             | 0.00 to 14.00 pH                                      |
|                           | Resolution                                                                                                                                                                                                                                                                                                                         | 0.01 pH                                                                                                      | 0.01 pH                                               |
|                           | Accuracy                                                                                                                                                                                                                                                                                                                           | ±0.05 pH                                                                                                     | ±0.05 pH                                              |
| Conductivity              | Range                                                                                                                                                                                                                                                                                                                              | 0 to 3999 µS/cm                                                                                              | 0.00 to 20.00 mS/cm                                   |
|                           | Resolution                                                                                                                                                                                                                                                                                                                         | 1 µS/cm                                                                                                      | 0.01 mS/cm                                            |
|                           | Accuracy                                                                                                                                                                                                                                                                                                                           | ±2% F.S.                                                                                                     | ±2% F.S.                                              |
| TDS                       | Range                                                                                                                                                                                                                                                                                                                              | 0 to 2000 mg/L (ppm)                                                                                         | 0.00 to 10.00 g/L (ppt)                               |
|                           | Resolution                                                                                                                                                                                                                                                                                                                         | 1 ppm (mg/L)                                                                                                 | 0.01 ppt (g/L)                                        |
|                           | Accuracy                                                                                                                                                                                                                                                                                                                           | ±2% F.S.                                                                                                     | ±2% F.S.                                              |
| Temperature               | Range                                                                                                                                                                                                                                                                                                                              | 0.0 to 60.0°C / 32.0 to 140.0°F                                                                              | 0.0 to 60.0°C / 32.0 to 140.0°F                       |
|                           | Resolution                                                                                                                                                                                                                                                                                                                         | 0.1°C / 0.1°F                                                                                                | 0.1°C / 0.1°F                                         |
|                           | Accuracy                                                                                                                                                                                                                                                                                                                           | ±0.5°C / ±1°F                                                                                                | ±0.5°C / ±1°F                                         |
| Additional Specifications | EC/TDS Calibration                                                                                                                                                                                                                                                                                                                 | automatic, one point at 1413 µS/cm or 1382 ppm (mg/L)                                                        | automatic, one point at 12.88 mS/cm or 6.44 ppt (g/L) |
|                           | pH Calibration                                                                                                                                                                                                                                                                                                                     | automatic, one or two-point with two sets of standard buffers (pH 4.01 / 7.01 / 10.01 or 4.01 / 6.86 / 9.18) |                                                       |
|                           | Temperature Compensation                                                                                                                                                                                                                                                                                                           | pH: automatic; EC/TDS: automatic with β adjustable from 0.0 to 2.4% / °C                                     |                                                       |
|                           | TDS Conversion Factor                                                                                                                                                                                                                                                                                                              | 0.45 to 1.00                                                                                                 |                                                       |
|                           | pH Electrode                                                                                                                                                                                                                                                                                                                       | HI73127 (replaceable; included)                                                                              |                                                       |
|                           | Environment                                                                                                                                                                                                                                                                                                                        | 0 to 50°C (32 to 122°F); RH max 100%                                                                         |                                                       |
|                           | Battery Type / Life                                                                                                                                                                                                                                                                                                                | 1.5V (4) / approx. 100 hours of continuous use; auto-off after 8 minutes of non-use                          |                                                       |
|                           | Dimensions / Weight                                                                                                                                                                                                                                                                                                                | 163 x 40 x 26 mm (6.4 x 1.6 x 1.0") / 100 g (3.5 oz.)                                                        |                                                       |
| Ordering Information      | <b>HI98129</b> (Combo) is supplied with HI73127 pH electrode, HI73128 electrode removal tool, pH 4.01 buffer solution sachet, pH 7.01 buffer solution sachet, 1413 µS/cm conductivity standard sachet, 1382 ppm TDS standard sachet, pH electrode cleaning solution sachet, storage solution sachet, batteries, and instructions.  |                                                                                                              |                                                       |
|                           | <b>HI98130</b> (Combo) is supplied with HI73127 pH electrode, HI73128 electrode removal tool, pH 4.01 buffer solution sachet, pH 7.01 buffer solution sachet, 12880 µS/cm conductivity standard sachet, 6.44 ppt TDS standard sachet, pH electrode cleaning solution sachet, storage solution sachet, batteries, and instructions. |                                                                                                              |                                                       |



### High accuracy EC/TDS graphite probe

The graphite conductivity probe provides greater accuracy because it cannot be contaminated by salt deposits. The exposed temperature sensor provides fast response times and guarantees highly accurate temperature compensated readings.



### Replaceable pH electrode cartridge

The Combo features an easy-to-replace pH electrode. The sturdy, snap-in connector means there are no pins which could bend or break.

Monterrey N.L. Mexico

