



HI701 · HI7014 · HI762

## Free Chlorine and Ultra Low Range Free Chlorine

Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
  - EPA approved DPD method
  - Large, easy-to-read digits
  - Auto shut off
- Dedicated to a single parameter
- Small size, big convenience
  - The Checker®HC easily fits into the palm of your hand or pocket
  - Quick and accurate on-the-spot analysis
  - Single-button operation: zero and measure
- Ideal for:
  - Swimming pools and spas
  - Fruit and vegetable sanitation
  - Disinfection
  - Drinking water and quality control checks

Pool  
Line

| Specifications       | HI701  | HI7014  | HI762 (ULR)  |
|----------------------|--|---|--|
| Range                | 0.00 to 2.50 ppm (as Cl <sub>2</sub> )   | 0.00 to 2.50 ppm (as Cl <sub>2</sub> )                | 0 to 500 ppb (as Cl <sub>2</sub> )                                   |
| Resolution           | 0.01 ppm   | 0.01 ppm  | 1 ppb  |
| Accuracy             | ±0.03 ppm ±3% of reading @ 25 °C (77 °F)   | 0.03 ppm ±3% of reading @ 25 °C (77 °F)               | ±20 ppb ±4% of reading @ 25 °C (77 °F)                               |
| Light Source         | Light Emitting Diode @ 525 nm  |   |  |
| Light Detector       | Silicon photocell  |   |  |
| Method               | Adaptation of US EPA Method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.  |   |  |
| Environment          | 0 to 50 °C (32 to 122 °F); max. 95% RH non-condensing  |   |  |
| Battery Type         | 1.5V AAA Alkaline  |   |  |
| Auto-off             | After 2 minutes of non-use   | After 2 minutes of non-use                            | After 10 minutes of non-use  |
| Dimensions           | 86.0 x 61.0 x 37.5 mm (3.4 x 2.4 x 1.5")   |   |  |
| Weight               | 64 g (2.3 oz)  |   |  |
| Ordering Information | <b>HI701 and HI7014</b> (Pool Line) Checker®HC are supplied with sample cuvette and cap (2 pcs.), Free Chlorine reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual. |   |  |
|                      | <b>HI762</b> Checker®HC is supplied with Sample cuvette and cap (2 pcs.), Free Chlorine Ultra Low Range reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual.         |   |  |
| Reagent Set          | <b>HI701-25</b> Reagents for 25 Free Chlorine tests  | <b>HI7014-25</b> Reagents for 25 Free Chlorine tests  | <b>HI762-25</b> Reagents for 25 Free Chlorine Ultra Low Range tests  |
| Calibration Set      | <b>HI701-11</b> Free Chlorine certified standard kit   | <b>HI7014-11</b> Free Chlorine certified standard kit | <b>HI762-11</b> Free Chlorine Ultra Low Range certified standard kit |

See page 10.152 for Checker HC accessories

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