

HI701 · 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
 - Use for 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



The HI701 and HI762 Checker®HC bridge the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and only give 5 to 10 points of resolution, while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. These meters are accurate and affordable.

The HI701 features a resolution of 0.01 ppm and ± 0.03 ppm $\pm 3\%$ of reading accuracy while the HI762 features a resolution of 1 ppb and ± 20 ppb $\pm 4\%$ of reading accuracy. Both meters use an EPA approved DPD method.

The contoured style of the Checker HC fits in your palm or pocket perfectly and the large LCD is easy to read. The auto shut-off feature assures the battery life will not be drained if you forget to turn it off.

These meters are extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Lastly, place the vial into the Checker HC, press the button and read the results. It's that easy.

| Specifications | HI701 | HI762 (ULR) |
|-----------------------|---|-----------------------------------|
| Range | 0.00 to 2.50 ppm | 0 to 500 ppb |
| Resolution | 0.01 ppm | 1 ppb |
| Accuracy @25°C (77°F) | ± 0.03 ppm $\pm 3\%$ of reading | ± 20 ppb $\pm 4\%$ of reading |
| Light Source | LED @ 525 nm | |
| Light Detector | silicon photocell | |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% non-condensing | |
| Battery Type | 1.5V AAA (1) | |
| Auto-off | after two minutes of non-use | after ten 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) | |
| Method | Adaptation of USEPA method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample. | |
| Ordering Information | <p>HI701 Checker®HC is supplied with sample cuvettes with caps (2), free chlorine reagent starter kit (reagents for 6 tests), battery, instructions, and quick start guide.</p> <p>HI762 Checker®HC is supplied with sample cuvettes with caps (2), free chlorine reagent starter kit (reagents for 6 tests), battery, instructions, and quick start guide.</p> | |
| Reagent Set | HI701-25 (25 tests) | HI762-25 (25 tests) |
| Calibration Set | HI701-11 | HI762-11 |