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› Taylor K-1004 DPD, 6-in-1 Pool Test Kit for for Free & Total Chlorine, Bromine, pH, Acid Demand, Total Alkalinity, 100+ Tests, Quick & Easy for Pools & Spas | Made in The USA

Taylor K1004

Taylor K-1004 DPD 6-in-1 Pool Test Kit User Manual

Model: K1004 | Brand: Taylor

INTRODUCTION

The Taylor K-1004 DPD 6-in-1 Pool Test Kit is designed for quick and accurate testing of swimming pool and spa water. This kit provides reliable readings for Free and Total Chlorine, Bromine, pH, Acid Demand, and Total Alkalinity, ensuring optimal water chemistry for safety and enjoyment. The kit includes an easy-to-read comparator, precise reagents, and clear, color-coded instructions.



Image: The Taylor K-1004 DPD 6-in-1 Pool Test Kit, showcasing the blue case, reagent bottles, and the comparator with testing instructions.

Kit Components

Your Taylor K-1004 kit includes the following:

- Comparator with molded fill lines
- Reagents for Free & Total Chlorine (DPD #1, DPD #2, DPD #3)
- Reagents for Bromine
- Reagents for pH (Phenol Red)
- Reagents for Acid Demand (Acid Demand Reagent)
- Reagents for Total Alkalinity (Total Alkalinity Reagent)
- Instruction card with color charts and dosage information
- Durable storage case



Image: A visual representation of the Taylor K-1004 DPD 6-in-1 Test Kit, highlighting the various reagent bottles and the comparator for easy color comparison.

SETUP AND PREPARATION

- 1. Read Instructions:** Before beginning any tests, carefully read all instructions provided on the instruction card and reagent labels.
- 2. Collect Water Sample:** Submerge the comparator into the pool or spa water to collect a sample. Ensure the water level reaches the molded fill lines in the comparator cells.
- 3. Rinse Comparator:** Always rinse the comparator cells thoroughly with the water to be tested before collecting the sample to ensure accurate results.
- 4. Prepare Reagents:** Ensure all reagent bottles are securely capped when not in use. Store them in a cool, dark place away from direct sunlight.

From Novice to Expert, Test Confidently with Taylor

Water testing can seem intimidating. Taylor Water Test Kits are designed to eliminate this hurdle with simple directions in plain, non-technical terms.

sureTREAT®
App Compatible

Quick &
Easy to Use

Reliable Results
in Seconds



STEP 1
Fill comparator cell with water sample.



STEP 2
Add reagent drops according to Test Kit instructions.



STEP 3
Cap and invert to mix reagents and water sample.



STEP 4
Compare water color to standards on comparator.

Image: A step-by-step visual guide demonstrating how to fill the comparator, add reagents, mix, and compare colors for accurate water testing.

OPERATING INSTRUCTIONS: PERFORMING TESTS

Follow these steps for each specific test. Refer to the instruction card for precise drop counts and color charts.

1. Free & Total Chlorine / Bromine Test

1. Fill the comparator cell labeled "Cl Br" to the molded fill line with the water sample.
2. Add the specified number of DPD #1 and DPD #2 reagents (usually 5 drops each) to the cell.
3. Cap the cell and invert several times to mix (DO NOT SHAKE).
4. Immediately compare the color to the Free Chlorine color standards on the comparator. Record the result.
5. For Total Chlorine, add the specified number of DPD #3 reagent (usually 5 drops) to the same cell.

6. Cap and invert to mix. Wait 2 minutes.
7. Compare the color to the Total Chlorine color standards. Record the result.
8. To calculate Combined Chlorine, subtract Free Chlorine from Total Chlorine ($TC - FC = CC$).
9. For Bromine, multiply the Free Chlorine reading by 2.25.

2. pH Test

1. Fill the comparator cell labeled "pH" to the molded fill line with the water sample.
2. Add the specified number of Phenol Red reagent (usually 5 drops) to the cell.
3. Cap the cell and invert several times to mix (DO NOT SHAKE).
4. Compare the color to the pH color standards on the comparator. Record the result.

3. Acid Demand Test (if pH is high)

1. Use the same pH sample if the pH reading was above 7.8.
2. Add Acid Demand Reagent drop by drop, inverting after each drop, until the color matches the 7.4 pH standard.
3. Count the number of drops added. Refer to the instruction card's dosage chart to determine the amount of acid needed.

4. Total Alkalinity Test

1. Fill a clean comparator cell to the molded fill line with the water sample.
2. Add the specified number of Total Alkalinity Reagent (usually 5 drops) to the cell.
3. Cap the cell and invert several times to mix.
4. Compare the color to the Total Alkalinity color standards. Record the result.

MAINTENANCE

- **Clean Comparator:** After each use, thoroughly rinse the comparator cells with clean tap water. Do not use detergents or abrasive cleaners, as they can affect future test results.
- **Store Reagents Properly:** Keep all reagent bottles tightly capped and stored in the original kit case. Store the kit in a cool, dark, and dry place, away from direct sunlight and extreme temperatures.
- **Check Expiration Dates:** Reagents have a shelf life. Check the expiration dates on the bottles and replace expired reagents to ensure accurate readings. Replacement reagents are available separately.
- **Handle with Care:** Avoid dropping the kit or exposing it to harsh chemicals that could damage the plastic components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate Readings	Expired reagents, contaminated comparator, improper sample collection, incorrect drop count.	Replace expired reagents. Rinse comparator thoroughly. Collect sample at elbow depth away from jets. Ensure correct number of drops.
Color Does Not Match Chart	High chemical levels, insufficient mixing, lighting conditions.	If levels are extremely high, dilute sample with distilled water and retest (remember to multiply result). Ensure proper mixing. Compare colors in natural daylight, not direct sunlight.

Problem	Possible Cause	Solution
Reagent Bottle Clogged	Crystallization of reagent.	Gently tap the bottle. If persistent, clear the dropper tip with a clean, thin wire or replace the reagent.

SPECIFICATIONS

- **Model Number:** K1004
- **Tests Performed:** Free & Total Chlorine, Bromine, pH, Acid Demand, Total Alkalinity
- **Chlorine Range:** 0.5 - 5 ppm (Free & Total)
- **Bromine Range:** 1 - 10 ppm
- **pH Range:** 6.8 - 8.2
- **Product Dimensions:** 12 x 6 x 6 inches
- **Item Weight:** 14.4 ounces
- **Manufacturer:** Taylor
- **Recommended Use:** Swimming Pool and Spa Water Testing

WARRANTY AND SUPPORT

Taylor products are manufactured to high standards. For specific warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Taylor website. Replacement reagents and additional testing supplies are available through authorized dealers and online retailers.

Contact Information: Please refer to the contact information provided on the product packaging or the official Taylor website for the most up-to-date support details.



Image: The official Taylor brand logo, representing quality in water testing products.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question