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LaMotte Insta-Test 30

LaMotte Insta-Test 30 Free Chlorine and pH TesTabs Instruction Manual

INTRODUCTION

This manual provides instructions for the proper use and maintenance of the LaMotte Insta-Test 30 Free Chlorine and pH TesTabs kit. This kit is designed for accurate measurement of free chlorine and pH levels in water, commonly used for pools and spas.

PRODUCT OVERVIEW

The LaMotte Insta-Test 30 kit includes the following components:

- DPD 1 TesTabs (for Free Chlorine)
- Phenol Red TesTabs (for pH)
- Comparator Block with integrated color charts
- Storage Case



Figure 1: LaMotte Insta-Test 30 Free Chlorine and pH Analyzer Kit. This image displays the complete kit, including two blister packs of TesTabs (DPD 1 for Free Chlorine and Phenol Red for pH), a blue plastic case for storage, and a clear plastic comparator block with color charts for both Free Chlorine (CI DPD) and pH.

SETUP

Preparation for Testing

1. Ensure the comparator block is clean and dry. Rinse with the water to be tested before use.
2. Gather the appropriate TesTabs for the desired test (DPD 1 for Free Chlorine, Phenol Red for pH).
3. Collect a water sample from the area to be tested. For pools, collect water at elbow depth, away from return lines.

OPERATING INSTRUCTIONS

Free Chlorine Test Procedure

1. Fill the left chamber of the comparator block to the "FILL" line with the water sample.
2. Add one DPD 1 TesTab to the water sample in the left chamber. Do not touch the TesTab directly with your fingers.
3. Cap the chamber and shake gently until the TesTab dissolves completely. A pink color will develop if free chlorine is present.
4. Immediately compare the color in the chamber to the Free Chlorine (Cl DPD) color standards on the comparator block. Read the result that most closely matches the sample color.

pH Test Procedure

1. Fill the right chamber of the comparator block to the "FILL" line with the water sample.
2. Add one Phenol Red TesTab to the water sample in the right chamber. Do not touch the TesTab directly with your fingers.
3. Cap the chamber and shake gently until the TesTab dissolves completely. A color will develop indicating the pH level.
4. Immediately compare the color in the chamber to the pH color standards on the comparator block. Read the result that most closely matches the sample color.

Note: For accurate results, perform tests immediately after collecting the water sample and read results promptly after TesTab dissolution.

MAINTENANCE

Cleaning and Storage

- After each use, thoroughly rinse the comparator block with clean water and allow it to air dry.
- Store TesTabs in their original blister packs in a cool, dry place, away from direct sunlight and moisture.
- Keep the entire kit in its protective storage case when not in use.

TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Inaccurate Readings	Expired TesTabs, contaminated sample, improper technique, dirty comparator.	Check TesTab expiration date, collect fresh sample, review operating instructions, clean comparator.
No Color Change	No free chlorine/incorrect pH, TesTab not dissolved, expired TesTab.	Ensure TesTab is fully dissolved, check expiration, re-test with fresh TesTab.
Difficulty Matching Color	Lighting conditions, color blindness.	Perform test in natural daylight, seek assistance from another individual if necessary.

SPECIFICATIONS

Product Specifications

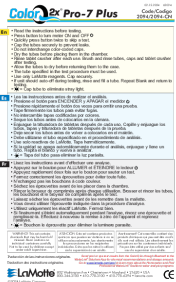
- **Manufacturer:** LaMotte
- **Model:** Insta-Test 30
- **ASIN:** B003TX5TLK
- **Item Weight:** 0.8 ounces
- **Package Dimensions:** 7.8 x 4.2 x 0.9 inches
- **Tests Performed:** Free Chlorine (DPD 1), pH (Phenol Red)

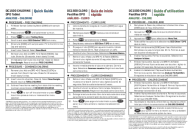
WARRANTY AND SUPPORT

Warranty Information and Customer Support

For specific warranty details or technical assistance, please contact LaMotte customer support directly. Refer to the product packaging or the official LaMotte website for contact information.

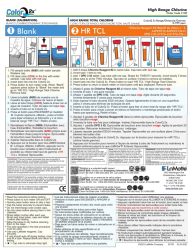
Related Documents - Insta-Test 30

	<p>LaMotte ColorQ 2x Pro-7 Plus Water Testing Kit: User Manual and Instructions</p> <p>Comprehensive user manual for the LaMotte ColorQ 2x Pro-7 Plus water testing kit, providing step-by-step instructions for testing Free Chlorine, Total Chlorine, pH, Alkalinity, Calcium Hardness, Cyanuric Acid, Copper, Iron, Biguanide, and Biguanide Shock.</p>
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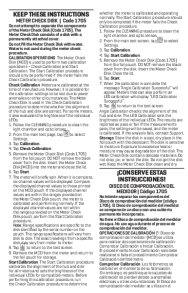
[LaMotte DC1500 Chlorine DPD Tablet Quick Guide](#)

A concise guide for using the LaMotte DC1500 Chlorine meter with DPD tablets for testing free and combined chlorine levels. Includes calibration procedures and important safety information.



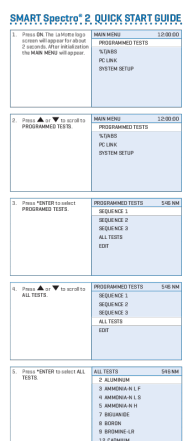
[LaMotte ColorQ 2x High Range Chlorine Colorimeter Kit Instructions and Procedures](#)

Detailed instructions for the LaMotte ColorQ 2x High Range Chlorine Colorimeter Kit (Order Code 2100). Covers Blank calibration and High Range Total Chlorine (HR TCL) testing procedures, safety warnings, and product specifications in English, Spanish, and French.



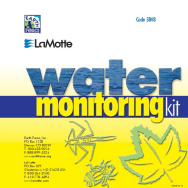
[LaMotte Meter Check Disk Code 1705 User Manual and Calibration Guide](#)

Comprehensive instructions for using the LaMotte Meter Check Disk (Code 1705) to perform meter calibration, including detailed steps for Check Calibration and Start Calibration procedures, along with essential storage guidelines.



[SMART Spectro 2 Quick Start Guide](#)

A quick start guide for operating the LaMotte SMART Spectro 2, detailing steps for powering on, navigating menus, selecting tests, scanning blanks and samples, and storing results.



[The GREEN Standard Water Monitoring Kit: Investigate Watershed Health](#)

Learn about water quality monitoring with the GREEN Standard Water Monitoring Kit from LaMotte and Earth Force. This educational kit guides students through scientific investigations to understand and improve local watershed environments.

