



# Water Conditioning Testing Products



2019



"Every now and then a technology emerges that changes people's lives. For people who test water, that time is now."

— David LaMotte, President

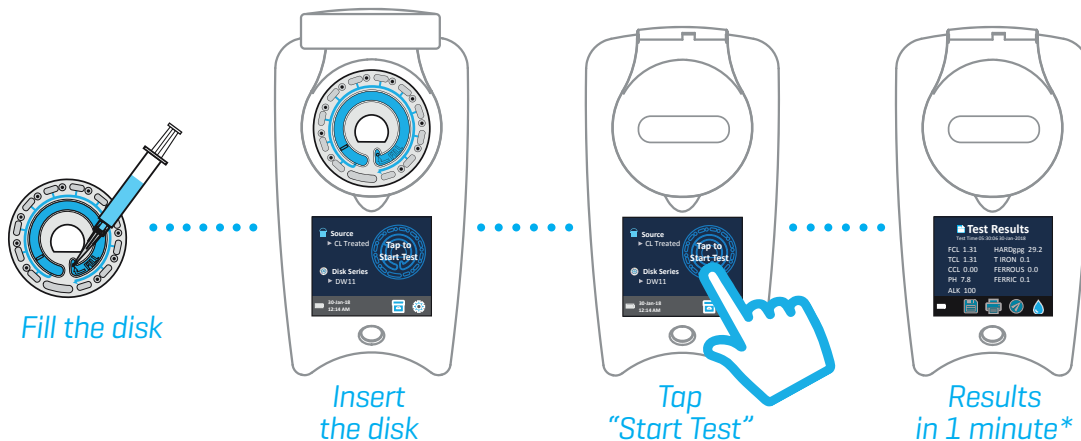


**Centrifugal  
Fluidics  
Photometry™**

**9 Tests in 60 Seconds!**

The innovative WaterLink® Spin Touch® DW photometer does all your drinking water testing for you. Each sealed reagent disk contains the precise amount of reagent needed to run a complete series of tests. Just fill one unique Spin reagent disk with less than 3 mL of water and all your vital tests are done automatically—in just 60 seconds!

It's the most advanced system for precise use of wet chemistry methods ever produced. Now analysts can achieve precision without time consuming test and clean-up procedures. This ground-breaking analysis system is so simple anyone can use it! No vials to fill, no prep time, no guessing!



**So Simple!  
So Fast!  
So Precise!**

## Reliable Results

- Virtually eliminates User-Error
- Pre-Measured Reagents
- Exact Reaction Times and Auto-Blanking
- Meter Calibration Check System
- New 6-Wavelength Photometer

## Super Fast & Simple

- 1 Minute for Treated Water Disk and 2 Minutes for Well Water Disk
- Fill Disk and Insert > Select "Start Test" > Read Results

## Auto-Record Keeping

- Stores Test Dates, Times, Results

## Stand-Alone

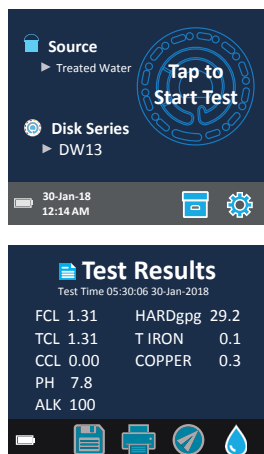
- No Computer, Smartphone, or Tablet Needed
- Touchscreen Operation
- Communicate through Bluetooth® or USB

## Rugged and Portable

- Innovative Water-Resistant Housing
- Internal, Rechargeable Batteries
- Optional Heavy-Duty, Waterproof Carrying Case with Foam Inserts

## Optional Software

- WaterLink® Solutions™ and WaterLink® Connect2, learn more at [www.softwarecenter.lamotte.com](http://www.softwarecenter.lamotte.com).



|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| <b>Instrument Type:</b>   | Centrifugal Fluidics Photometer                                                     |
| <b>6 Wavelengths:</b>     | 390 nm, 428 nm, 470 nm, 525 nm, 568 nm, 635 nm                                      |
| <b>Display:</b>           | Color Capacitive Touchscreen, 3.5", 320 X 240 pixel resolution                      |
| <b>Batteries:</b>         | Lithium Ion, Rechargeable (Full Charge in 6 hours), 100-150 tests per charge        |
| <b>Communication:</b>     | Bluetooth, USB-C                                                                    |
| <b>Calibration:</b>       | Factory Set, Field Calibration via Internet Connection                              |
| <b>Data Storage:</b>      | Last 250 Test Results with Date and Time                                            |
| <b>Water Resistance:</b>  | Rubber Over-molded Base, Rubber USB Port Plug, Gasketed Display and Hinge           |
| <b>Size &amp; Weight:</b> | 8.5 L x 4.9 W x 4.1 H inches, 1.74 lb<br>22.6 L x 12.7 W x 11.4 H cm, 0.79 kg       |
| <b>Operation:</b>         | Single On/Off/Reset Button with Indicator Light                                     |
| <b>Firmware:</b>          | Internet Updateable (New Tests, New Test Calibrations, etc.)                        |
| <b>Printer:</b>           | Optional Bluetooth Printer (Code 5-0066); 384 dots per line at 8 dots/mm resolution |

| Treated Water Series DW13 |                      | Well Water Series DW21 |                       |
|---------------------------|----------------------|------------------------|-----------------------|
| Code 4336-H   50 pack     |                      | Code 4337-H   50 pack  |                       |
| Free Chlorine             | 0-15 ppm             | pH                     | 4.5-8.6 pH            |
| Total Chlorine            | 0-15 ppm             | Total Hardness         | 0-70 gpg, 0-1,200 ppm |
| Combined Chlorine         | 0-15 ppm             | Total Iron             | 0-6 ppm               |
| pH                        | 6.4-10.0 pH          | Ferric Iron            | 0-6 ppm               |
| Total Hardness            | 0-70 gpg, 0-1200 ppm | Ferrous Iron           | 0-6 ppm               |
| Total Iron                | 0-6 ppm              | Copper                 | 0-6 ppm               |
| Copper                    | 0-6 ppm              | Nitrate [NO3]          | 0-50 ppm              |
| Total Alkalinity          | 0-250 ppm            | Nitrite [NO2]          | 0-2 ppm               |
|                           |                      | Total Alkalinity       | 0-250 ppm             |

## WaterLink® Spin Touch® DW

Order Code 3585

Includes: Photometer, Instruction Manual, Quick-Start Guide, 3 Syringes, Meter Check Disk, Disk Cover, Sample Bottle, USB Cord with USB Wall Adapter, Carrying Case (Disks sold separately)

## Optional Printer:

Code 5-0066



For more information:

# Water Quality Demo Outfits

## WaterLink® Spin Touch® DW Sales Demonstration Outfit

Featuring the WaterLink® Spin Touch® DW

Order Code 4-3085



Code 4-3085

### Sales Demonstration Outfit

- WaterLink® Spin Touch® DW photometer
- Duo-Soft Model Water Softener
- Pump and Connection Tubing
- Soap Consumption Demonstration
- Lockable, Foam-Lined Carrying Case



### Optional Add-On Kits

- Precipitation Demonstration (0.2-3.0 ppm) · 50 Tests  
Order Code **8124**
- TRACER PocketTester TDS/Salinity/Conductivity/Temp  
Order Code **1749** [see page 6]

Test disks are not included. See page 3 for disks.



Code 8124

# Water Quality Demo Outfits

LaMotte Model AT-Q and AT Visual series outfits are the most popular and effective sales tools for on-site demonstrations. The tests clearly demonstrate the benefits between untreated and treated water.

## AT-Q Digital Series\*\*

Featuring the ColorQ DW digital colorimeter

- New digital versions
- New rugged case with locks
- Fast & simple tests
- More custom options
- Competitive pricing

Includes  
Diagrammed  
Quick-Start  
Guide!



Customize Your Water Quality  
Sales Demonstrations.

Choose the Softener that  
Meets Your Needs!



AT-Q with Model S  
Code 4-3051-01



AT-Q with DuoSoft  
Code 4-3055-01



AT-Q with DirectFlo  
Code 4-3071-01



AT-Q with DirectFlo  
DuoSoft  
Code 4-3075-01

## AT-Q Digital Kit Tests [9 Included]

|                 | Hardness  | pH     | Iron       | Nitrate | Chlorine Free<br>& Total | Sulfide    | Precipitation | Soap<br>Consumption |
|-----------------|-----------|--------|------------|---------|--------------------------|------------|---------------|---------------------|
| Range           | 1-41 gpg* | 5-9    | 0-3.0 ppm* | 0-25    | 0-10 ppm                 | 0-3.0 ppm* | Before/After  | Before/After        |
| Resolution      | 1 gpg     | 0.5 pH | 0.5        | 1 ppm   | 0.2 ppm                  | 0.2 ppm    | —             | —                   |
| Number of Tests | 140       | 70     | 50         | 50      | 50                       | 120        | 100           | 100                 |

\*Higher Concentrations by dilution; instructions included. \*\*⚠ WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## AT Visual Series\*\*

Includes  
Diagrammed  
Quick-Start  
Guide!



AT with Model S  
Code 4-3003-02



AT with DuoSoft  
Code 4-3015-01



AT with DirectFlo  
Code 4-3010-01



AT with DirectFlo  
DuoSoft  
Code 4-3018-01

## AT Visual Kit Tests [5 Included]

|                 | Hardness                          | pH         | Iron        | Precipitation | Soap<br>Consumption |
|-----------------|-----------------------------------|------------|-------------|---------------|---------------------|
| Range           | 1 drop = 10 ppm/<br>20 ppm/10 gpg | 5.0-10 ppm | 0.5-10 ppm* | Before/After  | Before/After        |
| Number of Tests | 100                               | 100        | 100         | 100           | 100                 |

\*Higher Concentrations by dilution; instructions included. \*\*⚠ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Optional Add-On Kits and TDS Meter:

- Chlorine [0.2-3.0 ppm] · 50 Tests  
Code 4-3006-01
- Nitrate [0-15 ppm] · 50 Tests  
Code 4-3004-01
- Salinity, TDS, Con Tracer Meter  
Code 1749 [see page 4]

# Water Quality Demo Outfits

## Demonstration Water Softeners

Generate high-quality softened water in seconds. Clear acrylic column is durable and visually impressive. Flexible intake and outlet hoses have plastic clamps that prevent spillage. Rubber adapter on intake hose attaches to faucet. Available in four different models to suit your demonstration needs.



Now with  
Quick Connect  
Couplings!

Refills Available!



### DuoSoft

**Order Code: 1022-FLD**  
**Carbon and Resin Refill Code: R-1022**

The LaMotte twin-chambered softener clearly demonstrates the advantages of advanced two-part treatment systems. Customize one today to demonstrate the true effectiveness of your treatment system.

- Treat tapwater in one pass with a two-chambered softener
- A filled Duo-Soft is furnished in the Model AT-40 and AT-Q-40 outfit
- Also available: Order Code 1022 DuoSoft unit empty to fill with your choice of media.



### DirectFlo DuoSoft

**Order Code: 1028**  
**Carbon and Resin Refill Code: R-1022**

- Unique gravity fed design works with any size faucet, eliminating messy hoses!
- Effectively combines two water treatments in one pass
- Twin 4" chambers (10.25" total height) with carbon in the top chamber and resin in the bottom chamber
- Designed to ensure only water coming out the side outlet has received both treatments.



### Model S

**Order Code: 1002**  
**Resin Refill Code: R-1002**

An 8" resin column (10.25" total height) that softens up to 70 gallons of medium hard water (7 gpg hardness) before requiring regeneration or fresh resin. Model S softener is furnished in the Model AT-38 and AT-Q-38 outfits.



### DirectFlo Softener

**Order Code: 1026**  
**Resin Refill Code: R-1002**

- Unique gravity fed design works with any size faucet, eliminating messy hoses!
- 8" resin column (10.25" total height) softens up to 70 gallons of hard water (7 gpg) before regeneration
- Designed to ensure only treated water comes out of the side outlet.



### Recommended Pumps and Tubing

**Order Code: 9430**

Large Submersible Pump for DuoSoft Softener 1022.

**Order Code: 9480**

1/2" Tubing w/Quick Connect fitting for Large Pump [code 23384].

**Order Code: 9440**

Small Submersible Pump for Model S Softener 1002.

**Order Code: 3-1025-tubing**

1/4" Tubing w/Quick Connect fitting for Small Pump [code 23379]



### Quick Connect Connectors

**Order Code: 3-1023M**

Quick Connect Male Fitting.

**Order Code: 3-1023F**

Quick Connect Female Fitting.

## TRACER PockeTester TDS/Salinity/Conductivity/Temp

Code 1749

- Easy to use with push-button calibration
- TDS 0-9,900 ppm; Salinity 0-9,900 ppm; Con 0-19.99 mS; Temp 32-149 F
- Automatic temperature compensation
- Memory can store up to 25 readings



# Insta-TEST® Test Strips



Code 2992



For QUICK & EASY  
water quality profiles!

## Single Factor Test Strips

| Test Factor                | Code     | Range [ppm] | Values [ppm]                | # of Tests<br>Per Factor/<br>Per Vial |
|----------------------------|----------|-------------|-----------------------------|---------------------------------------|
| Alkalinity                 | 2997     | 0-180       | 0, 40, 80, 120, 180         | 50                                    |
| Chlorine, Free, Low Range  | 2964-G   | 0-10        | 0, 0.5, 1, 3, 5, 10         | 25                                    |
| Chlorine, Total, Low Range | 2963LR-G | 0-10        | 0, 0.1, 0.25, 0.5, 1, 3, 10 | 25                                    |
| Chlorine, Free, High Range | 3031     | 0-800       | 0, 50, 100, 250, 500, 800   | 50                                    |
| Chlorine, Total            | 2979     | 0-5         | 0, 0.5, 1, 3, 5             | 50                                    |
| Hardness, Low Range        | 2981     | 0-180       | 0, 30, 60, 120, 180         | 50                                    |
| Iron                       | 2935-G   | 0-5         | 0, 0.3, 0.5, 1, 3, 5        | 25                                    |
| pH, Wide Range             | 2974     | 4-10 [pH]   | 4, 5, 6, 7, 8, 9, 10        | 50                                    |

## Multi-Factor Test Strips

| Test Factor                             | Code   | Range [ppm]      | Values [ppm]                          | # of Tests<br>Per Factor/<br>Per Vial |
|-----------------------------------------|--------|------------------|---------------------------------------|---------------------------------------|
| Chlorine [Free & Total]                 | 3027-G | 0-10 (FCI & TCI) | 0, 0.5, 1, 3, 5, 10                   | 25                                    |
| Drinking Water 6-Way                    | 2933-G | 0-10 (FCI)       | 0, 0.5, 1, 3, 5, 10                   | 25                                    |
|                                         |        | 0-10 (TCI)       | 0, 0.5, 1, 3, 5, 10                   | 25                                    |
|                                         |        | 4-10 (pH)        | 4, 5, 6, 7, 8, 9, 10                  | 25                                    |
|                                         |        | 0-400 (Hard)     | 0, 50, 100, 200, 400                  | 25                                    |
|                                         |        | 0-50 (Nitrate)   | 0, 5, 10, 25, 50 (NO <sub>3</sub> -N) | 25                                    |
|                                         |        | 0-10 (Nitrite)   | 0, 0.5, 1, 5, 10 (NO <sub>2</sub> -N) | 25                                    |
| Iron & Copper                           | 2994   | 0-5 (Iron)       | 0, 0.3, 0.5, 1, 3, 5                  | 25                                    |
|                                         |        | 0-3 (Copper)     | 0, 0.3, 0.6, 1, 3                     | 25                                    |
| pH, Hardness,<br>& Total Chlorine       | 2993-G | 4-10 (pH)        | 4, 5, 6, 7, 8, 9, 10                  | 25/100                                |
|                                         |        | 0-400 (Hard)     | 0, 50, 100, 200, 400                  | 25/100                                |
|                                         |        | 0-10 (TCI)       | 0, 0.5, 1, 3, 5, 10                   | 25/100                                |
| Iron, pH, Hardness,<br>& Total Chlorine | 2992   | 0-5 (Iron)       | 0, 0.3, 0.5, 1, 3, 5                  | 25                                    |
|                                         |        | 4-10 (pH)        | 4, 5, 6, 7, 8, 9, 10                  | 25                                    |
|                                         |        | 0-400 (Hard)     | 0, 50, 100, 200, 400                  | 25                                    |
|                                         |        | 0-10 (TCI)       | 0, 0.5, 1, 3, 5, 10                   | 25                                    |
| Wide Range<br>(pH & Total Chlorine)     | 2987-G | 4-10 (pH)        | 4, 5, 6, 7, 8, 9, 10                  | 25                                    |
|                                         |        | 0-50 (TCI)       | 0, 1, 5, 10, 20, 50                   | 25                                    |
| Nitrate & Nitrite                       | 2996   | 0-50 (Nitrate)   | 0, 5, 10, 25, 50 (NO <sub>3</sub> -N) | 50                                    |
|                                         |        | 0-10 (Nitrite)   | 0, 0.5, 1, 5, 10 (NO <sub>2</sub> -N) | 50                                    |

For additional Test Strips, please visit [www.lamotte.com](http://www.lamotte.com)  
or call customer service for details.

Code 2964-G

Code 2979

Code 2987

Code 2996

# Insta-TEST® Drinking Water Test Strips

## Packaged Drinking Water Test Strips

Order Code 4-2936FP-100 • Shipping Code [weight/lbs.]: NH [3]

Each LaMotte Drinking Water Test Strip tests 5 important water quality parameters for both municipal and well water sources in only seconds! With a 2-second dip, each strip determines Free Chlorine, Total Chlorine, Total Hardness, pH, and Nitrate.

### Each plastic packet contains:

- 2 individually packed test strips [2-year shelf-life]
- Full color instructions and color chart



Sold in case of 100 packets!

Code 4-2936FP-100

| Test Factor    | Range [ppm]    | Values [ppm]                                             |
|----------------|----------------|----------------------------------------------------------|
| Free Chlorine  | 0-10 [FCI]     | 0, 0.5, 1, 3, 5, 10                                      |
| Total Chlorine | 0-10 [TCI]     | 0, 0.5, 1, 3, 5, 10                                      |
| Total Hardness | 0-400 [Hard]   | 0, 50, 100, 200, 400 [ppm];<br>0, 3, 5.8, 11.7, 23 [gpg] |
| pH             | 4-10 [pH]      | 4, 5, 6, 7, 8, 9, 10                                     |
| Nitrate        | 0-50 [Nitrate] | 0, 5, 10, 25, 50 [NO3-N]                                 |

## Lead Screening Test Strips Kit

Order Code 5-0140 • Shipping Code [weight/lbs.]: R1 [4]

LaMotte Company now offers an affordable, safe, and reliable screening test to identify lead in drinking water. Lead is still found in old pipes, solder and service lines. Corrosive water can leach lead into water supplies.



Includes 10 Tests!

Code 5-0140

In only 10 minutes the analyst can detect lead levels above 15 ppb—the EPA action level. Simply immerse a strip in a water sample and read after a 10 minute waiting period.

This multi-test package is designed for the professional monitoring multiple sites. The LaMotte Lead in Water Kit includes 10 test packs with one diagrammed instruction.

- Each test comes in a sealed pouch with a test vial and dropper
- Simple test protocol: immerse, wait 10 minutes, and read
- Easy analysis—1 Line or 2 Line result indicates result
- Detects Lead to EPA action level of 15 parts per billion [ppb]

# Multi-Parameter Outfits

## Digital Outfit ColorQ DW



### Digital Outfit ColorQ DW\*\*

ColorQ DW Code 2059-01 • Shipping Code (weight/lbs.): R1 [4]  
Reagent Refill • R-2059-01 • Shipping Code (weight/lbs.): R1 [2]

|                 | Hardness  | pH     | Iron       | Nitrate | Chlorine Free & Total | Sulfide    |
|-----------------|-----------|--------|------------|---------|-----------------------|------------|
| Range           | 1-41 gpg* | 5-9    | 0-3.0 ppm* | 0-25    | 0-10 ppm              | 0-3.0 ppm* |
| Resolution      | 1 gpg     | 0.5 pH | 0.5 ppm    | 1 ppm   | 0.2 ppm               | 0.2 ppm    |
| Number of Tests | 140       | 70     | 50         | 50      | 50                    | 120        |

\*Higher Concentrations by dilution; instructions included. \*\*⚠️ WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Visual Kits

Model AR outfits offer the simplest, most economical way to measure water quality factors in the field. Drop Count and Octa-Slide tests can be reliably performed by non-technical personnel. Ideal for service applications. Units easily customized upon request.



Code 3590-03

Need guidance on product selection?  
Contact our technical support staff  
at 800-344-3100 or  
[tech@lamotte.com](mailto:tech@lamotte.com)

### Visual Kits\*\*

Code 4783-03 • Shipping Code (weight/lbs.): R1 [7]  
Reagent Refill • R-4783-02

Popular AR-02 outfit provides tests for Hardness, Iron, and pH. Drop Count test for Hardness (10 ppm or 1 gpg/drop). Octa-Slide tests for Iron (0.5-10 ppm) and pH (5.0-10). Includes 100 tests for Iron and 50 tests each for pH and Hardness.

\*\*⚠️ WARNING: Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Code 3590-03 • Shipping Code (weight/lbs.): R1 [7]  
Reagent Refill • R-3590-01

The Model AR-42 has the same test range for pH, Hardness, and Iron as the AR-02, but it also is equipped to test for Sulfide (0.2-20 ppm). Includes 50 tests for pH, Hardness, and Sulfide; 100 for Iron.

\*\*⚠️ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Ship Codes: [NH] Non-Hazardous Material - No Fees • [R1] Small Qty. Hazardous Material - No Fees • [R2, R3, & LQ] Hazardous Material - Air Fees Only • [HF] Hazardous Material - Air & Ground Fees

LaMotte Water Conditioning Testing Products • 800-344-3100 • [www.lamotte.com](http://www.lamotte.com)

# Individual Test Kits



Specific to your treatment and monitoring needs. Each individual kit is furnished in a compact carrying case with all labware, accessories, and reagents needed to perform the test. Step-by-step instructions included.

A Reagent Refill Package may be ordered by prefixing "R-" to the code number of the kit.

**Convenient REAGENT REFILLS!**  
When ordering, place "R-"  
before the kit code

| Code              | Test Method                                                                                                                                                                                                                                                                                  | Range/Sensitivity                                             | # Tests        | Shipping Codes [weight/lbs.] | Health Hazard |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|------------------------------|---------------|
| <b>Alkalinity</b> | Kits use titrations with standard acid to the phenolphthalein (P) and/or total (T) alkalinity endpoint.                                                                                                                                                                                      |                                                               |                |                              |               |
| 7240-02           | Dropper Bottle for P&T Alkalinity                                                                                                                                                                                                                                                            | 1 drop = 10, 25, or 50 ppm as CaCO <sub>3</sub>               | 100 at 500 ppm | R1 [2]                       | C, R          |
| 4491-DR-01        | Direct Reading Titrator for Total Alkalinity                                                                                                                                                                                                                                                 | 0-200 ppm as CaCO <sub>3</sub> in 4 ppm increments            | 50 at 200 ppm  | NH [1]                       |               |
| 3467-01*          | Direct Reading Titrator for P&T Alkalinity                                                                                                                                                                                                                                                   | 0-200 ppm as CaCO <sub>3</sub> in 4 ppm increments            | 50 at 200 ppm  | R1 [1]                       | C             |
| <b>Aluminum</b>   | A pink to red color will form when aluminum reacts with Eriochrome Cyanine R at pH 6.                                                                                                                                                                                                        |                                                               |                |                              |               |
| 3569-01           | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                      | 0.0, 0.1, 0.15, 0.2, 0.25, 0.3, 0.4, 0.5 ppm Al <sup>3+</sup> | 50             | NH [1]                       |               |
| <b>Bacteria</b>   | LaMotte offers the BART™ (Biological Activity Reaction Tests) line of kits for various microbiological analyses. Results are obtained by observation after 2-8 days of room temperature incubation. Please contact us for more information. (see also Coliform)                              |                                                               |                |                              |               |
| 5-0024            | Iron Related Bacteria (IRB)                                                                                                                                                                                                                                                                  | Semi Quantitative                                             | 9              | NH [1]                       |               |
| 5-0026            | Slime Forming Bacteria (SLYM)†                                                                                                                                                                                                                                                               | Semi Quantitative                                             | 9              | NH [1]                       |               |
| 5-0025            | Sulfate Reducing Bacteria (SRB)                                                                                                                                                                                                                                                              | Semi Quantitative                                             | 9              | NH [1]                       |               |
| 5-0032            | Combo Pack (Iron, Sulfate Reducing, Slime Forming)                                                                                                                                                                                                                                           |                                                               | 3 each         | NH [1]                       |               |
| <b>Chloride</b>   | The argentometric method employs a chromate indicator and silver nitrate titrant. Hydrogen peroxide is included to eliminate sulfite interference.                                                                                                                                           |                                                               |                |                              |               |
| 7172-02           | Dropper Bottle                                                                                                                                                                                                                                                                               | 1 drop = 10, 25, 50 ppm                                       | 120 at 10 ppm  | R1 [1]                       | C, R          |
| <b>Chlorine</b>   | Free, combined, and total chlorine may be determined using DPD with either colorimetric or titrimetric methods. These determinations are generally limited to concentrations of 0-10 ppm, although the FAS titration can test higher concentrations with the addition of more DPD indicator. |                                                               |                |                              |               |
| 3308-01*          | Octa-Slide 2 Comparator for Free & Total                                                                                                                                                                                                                                                     | 0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0 ppm Cl                 | 50             | NH [1]                       |               |
| 3312-01*          | Octa-Slide 2 Comparator for Free & Total                                                                                                                                                                                                                                                     | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.8, 1.0 ppm Cl                 | 50             | NH [1]                       |               |
| 3314-01*          | Octa-Slide 2 Comparator for Free & Total                                                                                                                                                                                                                                                     | Low: 0.1-1.0 ppm Cl<br>high: 1.0-6.0 ppm Cl                   | 100            | NH [1]                       |               |
| 3176-02*          | Direct Reading Titrator for Free & Total                                                                                                                                                                                                                                                     | 0-10 ppm Cl in 0.2 ppm increments                             | 50 at 10 ppm   | R1 [2]                       | C, R          |
| 3240*             | Digital Colorimeter                                                                                                                                                                                                                                                                          | 0-4.0 ppm Cl/0.03 ppm, DPD Tablets                            | 100            | NH [4]                       |               |
| 3240-LI           | Digital Colorimeter                                                                                                                                                                                                                                                                          | 0-4.0 ppm Cl/0.03 ppm, DPD Liquid                             | 100            | R1 [5]                       |               |

\*EPA Accepted for NPDR; †Requires use of UV lamp; C: ⚠ WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov) R: ⚠ WARNING: Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
 Ship Codes: [NH] Non-Hazardous Material - No Fees · [R1] Small Qty. Hazardous Material - No Fees · [R2, R3, & LQ] Hazardous Material - Air Fees Only · [HF] Hazardous Material - Air & Ground Fees  
 Direct Reading Titrators have a specific range, but may be refilled to test higher concentrations.

# Individual Test Kits

| Code             | Test Method                                                                                                                                                                                                                                                                                                  | Range/Sensitivity                                                             | # Tests                 | Shipping Codes<br>[weight/lbs.] | Health<br>Hazard |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------|---------------------------------|------------------|
| Chlorine Bleach  | Higher concentrations of chlorine require the iodometric titration, whereby the sample is acidified and iodide is added, which is oxidized by chlorine to iodine and is titrated with a standard thiosulfate solution.                                                                                       |                                                                               |                         |                                 |                  |
| 7894-01          | Dropper Pipet                                                                                                                                                                                                                                                                                                | 1 drop = 0.005%, 0.05%, 0.5% Cl                                               | 50 at 10%               | R1 [1]                          |                  |
| Coliform         | Kit 4-3616 uses five tubes, each containing a nutrient tablet. Reacted tubes are stored at room temperature for 48 hours and examined for color change and gas formation. Kit 3-0016-UV has a MUG reagent to make the <i>E. coli</i> bacteria floresce. [see more info on page 13]                           |                                                                               |                         |                                 |                  |
| 4-3616           | Total Coliform                                                                                                                                                                                                                                                                                               | Presence/Absence                                                              | 1                       | NH [1]                          |                  |
| 4-3616-UV        | Total Coliform and <i>E. coli</i> bacterias                                                                                                                                                                                                                                                                  | Presence/Absence                                                              | 1                       | NH [1]                          |                  |
| 3-0041           | Total Coliform and <i>E. coli</i> bacterias                                                                                                                                                                                                                                                                  |                                                                               | 20                      | NH [3]                          |                  |
| Copper           | A yellow color is formed when copper reacts with diethyldithiocarbamate (DDC)                                                                                                                                                                                                                                |                                                                               |                         |                                 |                  |
| 6616-01          | LRC Comparator                                                                                                                                                                                                                                                                                               | 0.0, 0.05, 0.1, 0.15, 0.2, 0.3, 0.4, 0.5 ppm Cu, 0-5.0 with dilution          | 50                      | NH[1]                           | C, R             |
| Hardness         | EDTA titration is used for all hardness determinations with a red to blue endpoint. Total hardness buffers include inhibitors to eliminate metal interferences. All results are as CaCO <sub>3</sub> ; some kits also express results as gpg. The -LT suffix indicates a liquid buffer and tablet indicator. |                                                                               |                         |                                 |                  |
| 4482-LI-02       | Dropper Bottle for Total Hardness [all liquids]                                                                                                                                                                                                                                                              | 1 drop = 10 ppm or 1 gpg as CaCO <sub>3</sub>                                 | 50 at 200 ppm or 20 gpg | R1 [1]                          | R                |
| 4482-LT-02*      | Dropper Bottle for Total Hardness [liquids and tablets]                                                                                                                                                                                                                                                      | 1 drop = 10 ppm or 1 gpg as CaCO <sub>3</sub>                                 | 50 at 200 ppm or 20 gpg | R1 [1]                          |                  |
| 3037-DR-01*      | Direct Reading Titrator for low range Total Hardness                                                                                                                                                                                                                                                         | 0-10 ppm as CaCO <sub>3</sub> in 0.2 ppm increments                           | 50 at 10 ppm            | R1 [1]                          | R                |
| Iron             | Bipyridyl is a ferrous iron indicator that tests total iron after any ferric iron is reduced to ferrous in the sample. Ferrous and ferric may be tested separately using Kit 3347.-01                                                                                                                        |                                                                               |                         |                                 |                  |
| 4447-01          | Octa-Slide 2 Comparator for Total Iron                                                                                                                                                                                                                                                                       | 0.5, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, 10.0 ppm Fe                                | 90                      | R1 [1]                          |                  |
| 7787-01          | LRC Comparator for Total Iron                                                                                                                                                                                                                                                                                | 0.05, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm Fe                                | 30                      | R1 [1]                          | C                |
| 3347-01*         | Octa-Slide 2 Comparator for Total, Ferrous and Ferric Iron                                                                                                                                                                                                                                                   | 0.5, 1.0, 2.0, 3.0, 4.0, 6.0, 8.0, 10.0 ppm Fe                                | 50                      | R1 [1]                          | C                |
| Manganese        | The 1-[2-pyridylazo]-2naphthol(PAN) method forms an orange complex with manganese.                                                                                                                                                                                                                           |                                                                               |                         |                                 |                  |
| 3588-02          | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                                      | 0.0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0 ppm Mn                                | 50                      | LQ [2]                          | C, R             |
| Nitrate Nitrogen | The nitrate is reduced to nitrite by zinc and this undergoes diazotization/coupling to form a pink color. [see also nitrate test strips, page 6]                                                                                                                                                             |                                                                               |                         |                                 |                  |
| 3354-01          | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                                      | 0, 1, 2, 4, 6, 8, 10, 15 ppm NO <sub>3</sub> -N                               | 50                      | NH [2]                          |                  |
| pH               | Indicators specific to a particular pH allow colorimetric determination.                                                                                                                                                                                                                                     |                                                                               |                         |                                 |                  |
| 3353-01          | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                                      | 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 10.0 pH                                    | 50                      | R1 [1]                          | R                |
| 5858-01          | Octa-Slide 2 Comparators                                                                                                                                                                                                                                                                                     | 3.0, 3.5, 4.0, 4.5, 5.0 5.5 6.0, 6.5 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 10.5 | 100                     | R1 [1]                          | R                |
| Sulfate          | Barium forms a precipitate with sulfate. The turbidity from the precipitate is measured using a comparator.                                                                                                                                                                                                  |                                                                               |                         |                                 |                  |
| 7778-01          | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                                      | 20, 40, 60, 80, 100, 120, 160, 200 ppm SO <sub>4</sub> <sup>2-</sup>          | 50                      | R1 [1]                          |                  |
| Sulfide          | Uses the Pomeroy methylene blue method for analysis. [see also sulfide test on ColorQ, page 7]                                                                                                                                                                                                               |                                                                               |                         |                                 |                  |
| 4456-01          | Octa-Slide 2 Comparator for Total Sulfide                                                                                                                                                                                                                                                                    | 0.2, 0.5, 1.0, 2.0, 5.0, 10.0, 15.0, 20.0 ppm S=                              | 50                      | R1 [1]                          |                  |
| 4630             | Total, Dissolved and Hydrogen Sulfide                                                                                                                                                                                                                                                                        | 1 drop = 1.0 ppm or 0.1 ppm S <sup>2-</sup> or H <sub>2</sub> S               | 70                      | LQ [10]                         | C                |
| Tannin           | Tungstophosphoric and molybdophosphoric acids are reduced by tannins to form a blue color.                                                                                                                                                                                                                   |                                                                               |                         |                                 |                  |
| 7831-01          | Octa-Slide 2 Comparator                                                                                                                                                                                                                                                                                      | 1, 2, 3, 4, 5, 6, 8, 10 ppm tannic acid                                       | 50                      | R1 [1]                          |                  |

\*EPA Accepted for NPDR C: ⚠ WARNING: Cancer - [www.P6SWarnings.ca.gov](http://www.P6SWarnings.ca.gov) R: ⚠ WARNING: Reproductive Harm - [www.P6SWarnings.ca.gov](http://www.P6SWarnings.ca.gov)

Ship Codes: [NH] Non-Hazardous Material - No Fees · [R1] Small Qty. Hazardous Material - No Fees · [R2, R3, & LQ] Hazardous Material - Air Fees Only · [HF] Hazardous Material - Air & Ground Fees  
Direct Reading Titrators have a specific range, but may be refilled to test higher concentrations.

# Individual Test Kits

## Legionella Field Test Kit

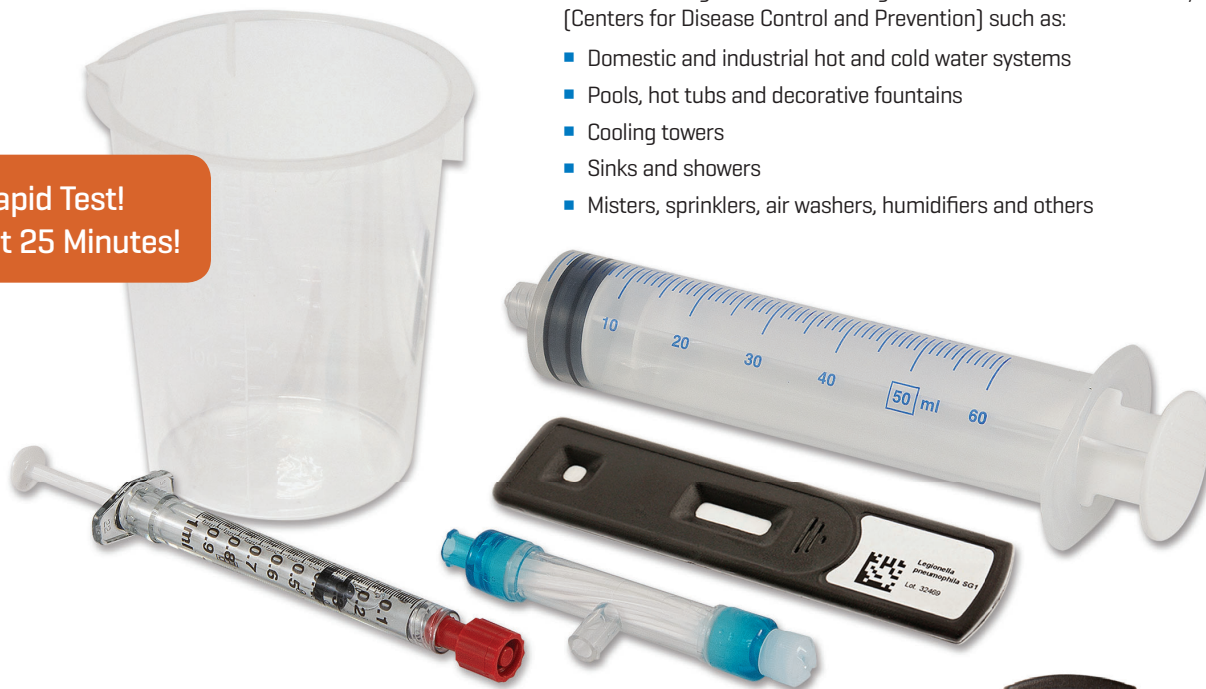
Order Code 7-2100

The Legionella Field Test uses Lateral Flow Immunochromatographic Assay (LFICA) technology to detect the presence of cell surface antigens from Legionella bacteria. It uses Legionella antibodies, tagged with red nanoparticles, which bind to any bacteria found in the sample and make them visible on a line on the device. The test works just like a pregnancy test - one line indicates a negative result and two lines indicate a positive result.

**Rapid Test!  
In Just 25 Minutes!**

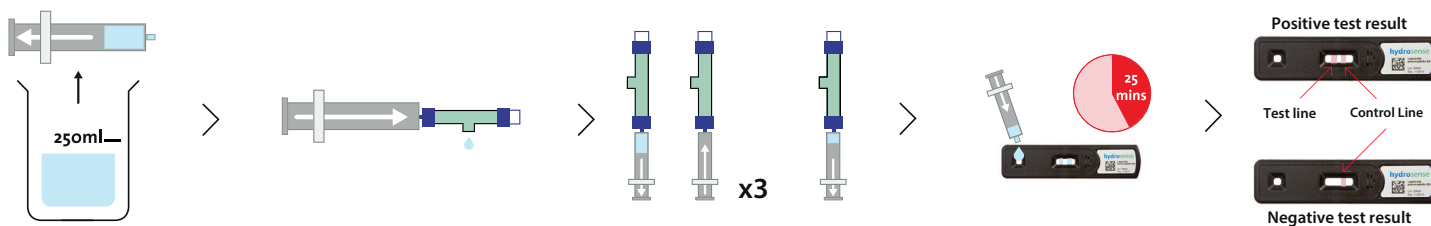
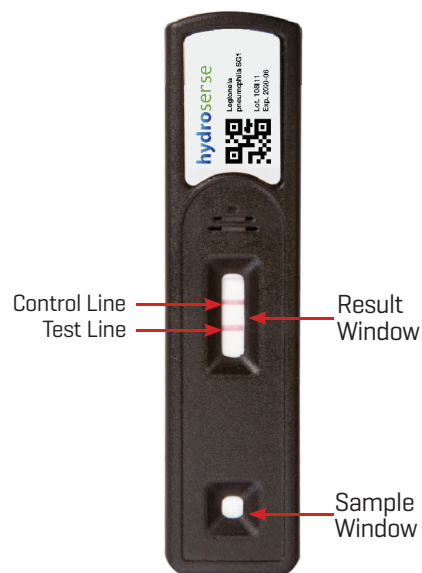
This kit is designed to test for Legionella in risk areas identified by the CDC [Centers for Disease Control and Prevention] such as:

- Domestic and industrial hot and cold water systems
- Pools, hot tubs and decorative fountains
- Cooling towers
- Sinks and showers
- Mistlers, sprinklers, air washers, humidifiers and others



### The kit contains all the items required to perform 1 test

- The test detects *Legionella pneumophila* serogroup 1 [LpSG1].
- With filtration step, the sensitivity of the water test is 100 CFU/L.
- The test detects Viable-But-Non-Culturable Bacteria and *Legionella* SG1 in all stages of its life-cycle.
- No need to measure or dilute solutions.
- Provides straightforward results, on-site, within 25-35 minutes.
- The test is simple to use, no interpretation is required.
- Minimizes delays and downtime.
- Regular use increases confidence in *Legionella* controls.
- The smartphone App reader provides independent record of results [Download FREE App from the App store].



# Individual Test Kits

## Total Coliform & *E. coli* Bacteria Test

Order Code 4-3616-UV · Shipping Code [weight/lbs.]: NH [1]

A simple 5-tube method to indicate the presence or absence of Total Coliform & *E. coli* Bacteria in drinking water. *E. coli* produces fluorescent compound.

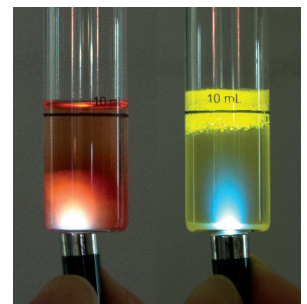


Code 4-3616-UV

**New!**

- Presumptive test for Total Coliform & *E. coli* Bacteria
- NO incubation equipment required
- Results in 44-48 hours at room temperature [70° - 85°F] or 24-hours at 110°F
- UV light source included [365 nm]
- Portable, no accessory labware required
- Ideal test for well water and coliform breakthrough in distribution systems
- Independent laboratory tested [results available upon request]

**UV**  
LIGHT SOURCE  
INCLUDED!



Negative

Positive

## Coliscan MF10<sup>†</sup>

Order Code 3-0041 · Shipping Code [weight/lbs.]: NH [3]

Refill Package Order Code 3-0042 · Shipping Code [weight/lbs.]: NH [3]

Ideal for large quantities of potable water or treated wastewater that contains a low level of coliforms or *E. coli*. Up to 100 mL of water is filtered through a membrane filter and placed on a Coliscan-MF nutrient rich pad in a Petri dish. 20 tests. Refill package contains enough materials to do 20 tests (refill does not include membrane filtration apparatus). Five color charts included.

<sup>†</sup> Frozen products/dated goods. Please specify ship date.



Code 3-0041

# Instrumentation

## DC1500 Chlorine Colorimeter Kit

Order Code 3240 [tablet] or Order Code 3240-LI [liquid]

Kit Refills: Order Code R-3240 [tablet] | Order Code R-3240-LI [liquid]

### Features:

- Field & Lab Use: USB cable and wall adapter included; car charger optional
- Rechargeable battery: No need to buy batteries again
- EPA Compliant: Uses proper wavelength and DPD test method to meet EPA design specifications for NPDPWR and NPDES chlorine monitoring programs [EPA 330.5 and Standard Method 4500]
- 0-4 ppm Chlorine: No need to select a low or high range. The DC1500 covers the entire critical chlorine range of 0-4 ppm with an MDL of 0.03 ppm.
- A Great Value: Complete, economical package! The DC1500 Chlorine Colorimeter Kit includes tablets for 100 tests or liquid reagents for 140 tests, six sample vials, and a sturdy carrying case.
- IP67 Waterproof Design: Designed with excessive exposure to moisture in mind, the DC1500 colorimeter delivers trouble-free performance
- Bold, backlit display
- European CE Mark
- USB port



STANDARD  
METHODS  
4500

IP67  
WATERPROOF

EPA  
330.5

2 YEAR  
WARRANTY

CE

durable  
CASE



See Additional Single Test Factor  
DC1500 Colorimeters at [www.lamotte.com](http://www.lamotte.com)

### Meter Specifications

|                       |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Readout:              | 160 x 100 backlit LCD, 20 x 6 line graphical display                                                    |
| Wavelength Accuracy:  | ±2% FS                                                                                                  |
| Wavelength Bandwidth: | 10 nm typical                                                                                           |
| Light Source:         | LED                                                                                                     |
| Detector:             | Silicon photodiode with integrated interference filter                                                  |
| Modes:                | Pre-programmed test, absorbance, %T                                                                     |
| Languages:            | English, Spanish, French, Portuguese, Italian, Chinese, Japanese                                        |
| Sample Chamber:       | 25 mm diameter flat bottom test tubes                                                                   |
| USB Port:             | Mini USB                                                                                                |
| Power:                | Lithium ion rechargeable battery, 3.7v, 2.5 x .75 inches, 1.7 oz. or USB computer cable or wall adapter |
| Battery:              | Charge Life: Approx. 380 tests with backlight on to 1000 tests with backlight off.                      |
| Battery Life:         | Approx. 500 charges                                                                                     |
| Auto Shut-off:        | Disabled, 5, 10, 50 minutes                                                                             |
| CE Mark:              | Yes                                                                                                     |
| Shipping Weight       | 8 lbs                                                                                                   |
| Shipping Size [LxWxH] | 17 x 16 x 9                                                                                             |

## LaMotte TRACER Meters

- Readings are not affected by sample color or turbidity
- Extra bold display includes an analog bar graph feature
- Memory can store up to 15 readings
- Meters also display sample temperature
- Unit identifies which probe is in use and retains calibrations
- Waterproof design



Code  
1741

Code  
1756

| Model            | pH                  | ORP                   | Fluoride (uses code 7024-J tablets)  |                                          |
|------------------|---------------------|-----------------------|--------------------------------------|------------------------------------------|
| Code             | 1741                | 1742                  | 1756                                 |                                          |
| Range [Accuracy] | pH: 0-14<br>[±0.01] | ORP: ±999mV<br>[±4mV] | Fluoride: 0.1 to 10 ppm<br>[±3% rdg] | Temp: 0°-60°C/32°-<br>140°F [±1°C/1.8°F] |

| Model            | EC/TDS/Salt/Temp                                                       |                                                           |                                                                     |                                   |
|------------------|------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------|
| Code             | 1749                                                                   |                                                           |                                                                     |                                   |
| Range [Accuracy] | Conductivity: 0-199.9<br>mS;<br>200-1999 mS;<br>2.00-19.99 mS [±2% FS] | TDS: 0-99 ppm;<br>100-999 ppm; 1000-<br>9999 ppm [±2% FS] | Salinity: 0-99 ppm S;<br>100-999 ppm S;<br>1000-9999 ppm S [±2% FS] | Temp:<br>-5°-90°C<br>[±1°C/1.8°F] |

| Model            | pH/TDS/Salt/CON/Temp   |                                                                        |                                                             |                                                                        |
|------------------|------------------------|------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------|
| Code             | 1766                   |                                                                        |                                                             |                                                                        |
| Range [Accuracy] | pH:<br>0-14<br>[±0.01] | Conductivity:<br>0-199.9 mS;<br>200-1999 mS;<br>2.00-19.99 mS [±2% FS] | TDS: 0-99 ppm;<br>100-999 ppm;<br>1000-9999 ppm<br>[±2% FS] | Salinity: 0-99 ppm S;<br>100-999 ppm S;<br>1000-9999 ppm S<br>[±2% FS] |
|                  |                        |                                                                        |                                                             | Temp:<br>-5°-90°C<br>[±1°C/1.8°F]                                      |

## 2020t/i Ratio Turbidity Meters

Code [2020t] 1974-T · Ship Code NH [6]

Code [2020i] 1974-I · Ship Code NH [6]

Industry-leading precision, sensitivity, and dependability in one of the most innovative handheld meters available on the market!

### Advanced Features:

- Lithium Ion rechargeable battery
- USB port
- 7 languages
- Backlit display
- EPA and ISO versions

| Mode                         | Ratiometric                                                                                                           | Nephelometric                                    | Attenuation                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|
| Unit of Measure <b>2020t</b> | NTRU, NTU, ASBC, EBC                                                                                                  | NTU, ASBC, EBC                                   | AU, NTU, ASBC, EBC                                          |
| Unit of Measure <b>2020i</b> | FNRU, NTU, ASBC, EBC                                                                                                  | FNU, NTU, ASBC, EBC                              | FAU, NTU, ASBC, EBC                                         |
| Range                        | 0-1,000 NTRU/FNRU<br>0-17,500 ASBC<br>0-250 EBC                                                                       | 0-100 NTU/FNU<br>0-1,750 ASBC<br>0-25 EBC        | 0-2,000 AU/FAU<br>0-70,000 ASBC,<br>0-1,000 EBC             |
| Resolution                   | 0-10.99 NTRU/FNRU: 0.01<br>11.0-109.9 NTRU/FNRU: 0.1<br>110-1000 NTRU/FNRU: 1                                         | 0-10.99 NTU/FNU: 0.01<br>11.0-100.0 NTU/FNU: 0.1 | 0-2000 AU/FAU: 1                                            |
| Accuracy                     | 0-2.5 NTRU/FNRU: ±0.05<br>2.5-100 NTRU/FNRU: ±2%<br>100-1000 NTRU/FNRU: ±3%                                           | 0-2.5 NTU/FNU: ±0.05<br>2.5-100 NTU/FNU: ±2%     | 0-2000 AU/FAU:<br>±10 AU/FAU or 6%,<br>whichever is greater |
| Detection Limit              | 0.05 NTRU/FNRU                                                                                                        | 0.05 NTU/FNU                                     | 10 AU/FAU                                                   |
| Reproducibility              | 0.02 NTRU/FNRU or 1%                                                                                                  | 0.02 NTU/FNU or 1%                               | 1%                                                          |
| Range Selection              | Automatic                                                                                                             |                                                  |                                                             |
| Light Source                 | 2020t: Tungsten lamp 2300 °C ±50 °C<br>2020i: IR LED 860 nm ±10 nm, spectral bandwidth with 50 nm                     |                                                  |                                                             |
| Detector                     | 2020t: Photodiode, centered at 90° and 180°, maximum peak 400-600 nm<br>2020t/i: Photodiode, centered at 90° and 180° |                                                  |                                                             |



# SMART®3 Colorimeter

**Order Code 1910** (Reagents Systems sold separately)

The user-friendly SMART®3 Colorimeter is the ideal direct reading colorimeter for complete on-site water analyses. All pre-programmed tests can be run on this compact instrument and each test features automatic wavelength selection. The entire multi-LED optical system is embedded in the light chamber and optimized for LaMotte test reagent systems. The analyst can simply select the test and put in the sample with reagent. The microprocessor, which selects the wavelength, also allows the user to load up to 25 tests for analyzing custom reagent systems. LaMotte stands behind every system we provide.

|               |                                                                                             |
|---------------|---------------------------------------------------------------------------------------------|
| Range:        | 0-125%T                                                                                     |
| Resolution:   | 1% FS                                                                                       |
| Accuracy:     | 2% FS                                                                                       |
| CE Mark:      | Yes                                                                                         |
| Light Source: | LED/Filter setup; 428nm, 525nm, 568nm, 638nm                                                |
| Detector:     | Photodiode                                                                                  |
| Display:      | 160x100 Backlight LCD, 20x4 line graphics display                                           |
| Sample Cell:  | 25 mm round cell, 10 mm square cuvette, 16 mm COD tubes                                     |
| Datalogging:  | Up to 500 data points, USB transfer, time and date stamped                                  |
| Keypad:       | 6-button mechanical                                                                         |
| Calibration:  | Factory set - user adjustable                                                               |
| Power:        | USB computer/power charger or Lithium Ion rechargeable battery, 3.7V, 2.5" x 0.75", 1.7 oz. |
| Dimensions:   | 19.05 x 8.84 x 6.35 cm; 7.5 x 3.5 x 2.5 inches                                              |
| Weight:       | 15 ounces                                                                                   |
| Bandwidth:    | 10 mm typical                                                                               |

## Additional advancements include:

- USB interface
- Optional software for data storage and manipulation
- Lithium ion rechargeable battery, USB computer adapter is included
- USB port

## Accessories/replacement items:

- COD/UDV adapter, Code 1724
- 6 sample tubes, Code 0290-6
- USB Cable, Code 1720
- USB Power Plug, Code 1721
- Car Charger, Code 5-0132



**Over 85 tests available!**

Visit: [www.lamotte.com/en/browse/1910/html](http://www.lamotte.com/en/browse/1910/html)

**SMART3 Reagent Systems** New tests are being developed for the SMART3. Please contact us for information regarding additions of new tests.

| Test Factor                       | Test Method [# of reagents]      | Test Factor             | Test Method [# of reagents]            |
|-----------------------------------|----------------------------------|-------------------------|----------------------------------------|
| Alkalinity UDV                    | Unit Dose Vial [1]               | Zinc LR                 | Zincon [6]                             |
| Ammonia Nitrogen HR               | Nesslerization [2]               | Copper, Cuprizone       | Cuprizone [2]                          |
| Barium                            | Barium Chloride [1]              | Copper, DDC             | Diethyldithiocarbamate [1]             |
| Boron                             | Azomethine-H [2]                 | Copper UDV              | Unit Dose Vial, Bicinchoninic Acid [1] |
| Bromine LR                        | DPD Tablets [2]                  | Cyanide                 | Pyridine-Barbituric Acid [5]           |
| Cadmium                           | PAN [4]                          | DEHA                    | Iron Reduction [3]                     |
| Chloride TesTab                   | Argentometric [1]                | Dissolved Oxygen [DO]   | Winkler Colorimetric [3]               |
| Chlorine [Free & Total]           | DPD Tablets [3]                  | Erythorbic Acid         | Iron Reduction [3]                     |
| Chlorine Dioxide                  | DPD Tablet/Glycine [2]           | Fluoride                | SPADNS [2]                             |
| Chromium Hexavalent               | Diphenylcarbohydrazide [1]       | Hardness [Total] UDV    | UDV [1]                                |
| Chromium [Total, Hex & Trivalent] | Diphenylcarbohydrazide [5]       | Hydrazine               | P-dimethylaminobenzaldehyde [2]        |
| Cobalt                            | PAN [3]                          | Hydrogen Peroxide       | DPD [2]                                |
| COD LR w/ Mercury*                | Digestion [1]                    | Hydroquinone            | Iron Reduction [3]                     |
| COD LR w/o Mercury*               | Digestion [1]                    | Iodine                  | DPD Tablets [2]                        |
| COD SR w/ Mercury*                | Digestion [1]                    | Iron                    | Bipyridyl [2]                          |
| COD SR w/o Mercury*               | Digestion [1]                    | Manganese LR            | PAN [3]                                |
| COD HR w/ Mercury*                | Digestion [1]                    | Manganese HR            | Periodate [2]                          |
| COD HR w/o Mercury*               | Digestion [1]                    | Methylethylketoxime     | Iron Reduction [3]                     |
| Color                             | Platinum Cobalt [0]              | Molybdenum HR           | Thioglycolate [3]                      |
| Copper, BCA                       | Bicinchoninic Acid [1]           | Nickel                  | Dimethylglyoxime [6]                   |
| Nitrate Nitrogen LR               | Cadmium Reduction [2]            | Phosphate, ppb          | Ascorbic Acid/Digestion [2]            |
| Nitrite Nitrogen LR               | Diazotization [2]                | Phosphorus, Total - LR* | Ascorbic Acid/Digestion [5]            |
| Nitrogen, Total*                  | Chromotropic Acid/Digestion [6]  | Phosphorus, Total - HR* | Molybdovanadate/Digestion [5]          |
| Oxygen Scavengers                 | Iron Reduction [3]               | Potassium               | Tetraphenylboron [2]                   |
| Ozone                             | DPD [3]                          | Silica LR               | Heteropoly Blue [4]                    |
| pH, CPR                           | Chlorophenol Red [3]             | Silica HR               | Silicomolybdate [3]                    |
| pH, PR                            | Phenol Red [3]                   | Sulfate HR              | Barium Chloride [1]                    |
| pH, TB                            | Thymol Blue [3]                  | Sulfide LR              | Methylene Blue [3]                     |
| pH UDV                            | Unit Dose Vial [1]               | Surfactants             | Bromphenol Blue [3]                    |
| Phenol                            | Aminoantipyrine [3]              | Tannin                  | Tungsto-Molybdophosphoric Acid [3]     |
| Phosphate LR                      | Ascorbic Acid Reduction [2]      | Tolytriazole**          | UV Oxidation/Dichromate [3]            |
| Phosphate HR                      | Vanodomolybdophosphoric Acid [1] | Turbidity               | Absorptimetric [0]                     |

**For more information, please visit [www.lamotte.com](http://www.lamotte.com)**

Ship Codes: NH - Non Hazardous, No Fees; HF - Hazardous Materials, Air & Ground Fees; R1 - Small Quantity Hazardous Materials, No Fees; R2, R3, & LQ - Hazardous Materials, Air Fees Only  
† Requires COD Adapter Code 5-0087 and Heater Block. \*\* UV lamp 31041-1; UV lamp power source 31041-2; UV safety goggles 31041. † As ppm except as otherwise indicated.

Prop 65: C: ⚠ **WARNING** Cancer - [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product); R: ⚠ **WARNING** Reproductive Harm - [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product); B: ⚠ **WARNING** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)



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