

# Richard hourigan, inc.

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Responding to the needs of industry since 1973

## LABORATORY SUPPLY CATOLOG

### Bags

These easy-to-close Whirl-Pak sample bags are transparent, polyethylene bags for sampling and product analysis. The bags are gas sterilized and feature pull tabs to prevent contamination from finger contact when opening.



RDSB-3775-D 4 oz. Whirl-Pak Sample Bag, Disposable, 500 pack.

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### Balances

#### Portable Balance

This compact, portable balance measures small amounts in the field. A capacity of 50 grams with 0.01 gram accuracy. Includes 3 AAA Batteries.



Dimensions 3" x 4.75."  
RDSC-1700-S Portable Electronic Balance  
Weighs up to 50g.

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#### Ohaus Portable Balance

Scale includes:  
Batteries, Power Supply, 200 g Calibration Weight, USB Interface Kit, Level Bubble, Protective Pan Cover and Screen Backlight. Great for either field or lab use.



RDSLH203 Ohaus Portable Balance, 200 +/- 0.005g Capacity.

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### Beakers

Low form glass and poly beakers are used for measuring or mixing liquids. Graduated with approximate metric volumes. Other sizes and types are available.



#### Glass, Economy Grade Beakers

RDBK-5050-G 50 mL Beaker (economy glassware)  
RDBK-5100-G 100 mL Beaker (economy glassware)  
RDBK-5250-G 250 mL Beaker (economy glassware)  
RDBK-5400-G 400 mL Beaker (economy glassware)  
RDBK-5600-G 600 mL Beaker (economy glassware)  
RDBK-5001-G 1000 mL Beaker (economy glassware)

### Glass, Pyrex® Beakers

RDBK-4050-G 50 mL Beaker  
RDBK-4050-G-PK 50 mL Beaker, 12 pack  
RDBK-4100-G 100 mL Beaker  
RDBK-4100-G-PK 100 mL Beaker, 12 pack  
RDBK-4250-G 250 mL Beaker  
RDBK-4250-G-PK 250 mL Beaker, 12 pack  
RDBK-4400-G 400 mL Beaker  
RDBK-4400-G-PK 400 mL Beaker, 12 pack  
RDBK-4600-G 600 mL Beaker  
RDBK-4600-G-PK 600 mL Beaker, 6 pack  
RDBK-1000-G 1000 mL Beaker  
RDBK-1000-G-PK 1000 mL Beaker, 6 pack

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### Poly Beakers

RDBK-4050-P 50 mL Beaker  
RDBK-4050-P-PK 50 mL Beaker, 12 pack  
RDBK-4100-P 100 mL Beaker  
RDBK-4100-P-PK 100 mL Beaker, 12 pack  
RDBK-4250-P 250 mL Beaker  
RDBK-4250-P-PK 250 mL Beaker, 6 pack  
RDBK-6250-H 250 mL Beaker w/ handle  
RDBK-4400-P 400 mL Beaker  
RDBK-4400-P-PK 400 mL Beaker, 6 pack  
RDBK-6500-H 500 mL Beaker w/ handle  
RDBK-4600-P 600 mL Beaker  
RDBK-4600-P-PK 600 mL Beaker, 4 pack  
RDBK-1000-P 1000 mL Beaker  
RDBK-1000-P-PK 1000 mL Beaker, 3 pack  
RDBK-1000-H 1000 mL Beaker w/ handle

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## Borescope

Borescopes are the ideal tool for inspecting the interior condition of your boiler tubes. Once the cable is inserted and pushed to the length of the boiler tubes, the condition of the tubes will be recorded as the cable is drawn back out.



### Borescope

RDBR250 Exttech Video Borescope

- 9mm Camera Diameter
- 3.5" Color TFT LCD Wireless Monitor
- 39" (1m) Flexible Gooseneck Waterproof Camera.

### Borescope Accessories

RDBR-9CAM-5M Replacement Borescope Probe

- 9mm Camera Diameter
- 196" (5m) Flexible Gooseneck
- Waterproof Camera



RDBR200-EXT Extension Cable, 37" (0.95m)

RDBRD10 Wireless USB Video Receiver

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## Bottles

Polyethylene bottles / jars are HDPE nonsterile, not autoclavable, with caps. Glass bottles are amber with poly seal cap. Many other bottles and containers are available, please inquire.



### Amber Glass, Narrow Mouth Bottles & Caps

RDBO-2475B-G 16 oz / Pint, Amber  
RDBO-2950B-G 32 oz / Quart, Amber  
RDBO-3800B-G 128 oz / Gallon, Amber  
RDCP-2475C-BLK Black Cap for Pint  
RDCP-2950C-BLK Black Cap for Quart  
RDCP-4800C-BLK Black Cap for Gallon

### Polyethylene, Narrow Mouth Bottles & Caps

RDBO-5001B-P 1 oz / 30 mL  
RDBO-5002B-P 2 oz / 60 mL  
RDBO-5003B-P 2 oz / 60 mL (white poly)  
RDCP-5001C-WHT White Cap

### **Polyethylene, Narrow Mouth Bottles & Caps, Cont.**

RDCP-5001C-BLU Blue Cap  
RDCP-5001C-GRN Green Cap  
RDCP-5001C-GRY Gray Cap  
RDCP-5001C-ORG Orange Cap  
RDCP-5001C-PNK Pink Cap  
RDCP-5001C-PUR Purple Cap  
RDCP-5001C-RED Red Cap  
RDCP-5001C-YEL Yellow Cap

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### **Dropper Tip for Polyethylene Narrow Mouth Bottles**

RDTP-5001T-NAT Dropper Tip

### **Polyethylene, Bottles, Jars & Caps**

RDBO-2125B-P Bottle, 4 oz / 120 mL  
RDBO-5055B-P Bottle, 8 oz / 250 mL  
RDBO-5500B-P Bottle, 500 mL  
RDBO-5510B-P Bottle, 500 mL (low density, buret)  
RDBO-1000B-P Bottle, 1 L  
RDBO-3800B-P Bottle, 4 L  
RDJW-2010B-P Jar, 10g  
RDJW-2120B-P Jar, 120g  
RDJW-2250B-P Jar, 250g  
RDJW-2500B-P Jar, 500g  
RDJW-2950B-P Jar, 1kg  
RDCP-5002C-BLK Black Cap (for RDBO-2125B-P)  
RDCP-5055C-BLK Black Cap (for RDBO-2125B-P,  
RDBO-5055B-P, RDBO-5500BP, RDBO-1000B-P)  
RD1172 Black Cap (for RDBO-5510B-P)  
RDCP-3800C-BLK Black Cap (for RDBO-3800B-P,  
RDJW-2090B-P, RDJW-2120B-P)  
RDCP-2250C-BLK Black Cap (for RDJW-2250B-P)  
RDCP-2500C-BLK Black Cap (for RDJW-2500B-P,  
JW-2950B-P)  
RDCP-2010C-BLK Black Cap (for RDJW-2010B-P)

### **Cubitainers**

RDBO-9001B-C 1 Gallon / 4 L  
RDBO-9005B-C 5 Gallon / 20 L  
RDSP-9001S Cap for cubitainers

### **Polyethylene Wash Bottles w/ Squirt Top**

RDWB-7250-P 8 oz / 250 mL  
RDWB-7500-P 16 oz / 500 mL  
RDWB-1000-P 32 oz / 1000 MI

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### **Sample Bottles, Nalgene®, HDPE, Leakproof (Ideal for Boiler Water Samples)**

RDSB-7250-P 250 mL sample bottle with cap  
RDSB-7250-P-PK 250 mL sample bottle with cap, 12 pack  
RDSB-7500-P 500 mL sample bottle with cap  
RDSB-7500-P-PK 500 mL sample bottle with cap, 12 pack

### **Mailer Bottles**

RDMB-2500-P-12PK Mailer Bottles, 500cc, 12/pk, with mailers and labels  
RDMB-2500-P-6PK Mailer Bottles, 500cc, 6/pk, with mailers and labels  
RDMB-2250-P-12PK Mailer Bottles, 250cc, 12/pk, with mailers and labels  
RDMB-2250-P-6PK Mailer Bottles, 250cc, 6/pk, with mailers and labels

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## **Burets / Autoburets**

Self zeroing burets with black lettering. Choose either Teflon® stopcocks, glass stopcocks or pinchcock valves. We stock a variety of 10 mL, 25 mL and 50 mL

burets with poly fill bottles. Glass fill bottles are also available.



### **Burets (include 500 mL Poly Bottle)**

RDAB-8010-PC 10 mL, Autoburet with Rubber Pinchcock  
RDAB-8025-PC 25 mL, Autoburet with Rubber Pinchcock  
RDAB-8010-GS 10 mL, Autoburet with Glass SC  
RDAB-8010-TS 10 mL, Autoburet with Teflon® SC  
RDAB-8010-TS-SF 10 mL, Autoburet (Short Form) with Teflon® SC  
RDAB-8025-TS 25 mL, Autoburet with Teflon® SC  
RDAB-8050-TS 50 mL, Autoburet with Teflon® SC  
RDTG-18265-74 Rubber Tip Assembly (Pinchcock)

### Buret Stand

RD1090 Buret Stand, Single  
RD1092 Buret Stand, Double

### Bottle Stand

RDBH-9000-P Bottle Holder, Plastic, for 500 mL Poly Squeeze Buret Bottle



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### Plastic Clips (for burets and apparatus)

RD1227 Plastic Clip, 11.3mm  
RD1228 Plastic Clip, 15mm  
RD1229 Plastic Clip, 20mm  
RD1230 Plastic Clip, 25mm  
RD1231 Plastic Clip, 30mm

### Accessories

RDBO-5510B-P Bottle, 500 mL (low density, buret)  
RD1172 Black Cap for Bottle

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## Carrier Tray

Steam autoclavable, polypropylene molded tray has built-in handle for easy carrying of reagents or laboratory ware using one hand.



RD2938300 Reagent Carrier Tray

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## Casserole Dishes

Porcelain casserole dishes with handle. Great to use with buret titrations to better see endpoint color change.



RDCA-1140-C 175 mL Dish with Handle  
RDCA-1210-C 210 mL Dish with Handle

## Clarity Wedge

Used for quick and simple determination of turbidity of water samples. Great for quick checks of rinse water and other dirty water applications.



RDCW-CLARITY-P Clarity Wedge

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## Corrosion Coupons

Accurate monitoring of corrosion rates in any environment is critical when viewed in terms of the maintenance and repair costs associated with corrosion and material failure. Test coupons provide an inexpensive means of on-line monitoring that will allow you to effectively measure the corrosivity within your system.



Continued on next page.....



### Corrosion Coupons

RDCC-0001-SS Stainless Steel, Alloy SS316  
 RDCC-0002-CS Mild Carbon Steel, Alloy C1010  
 RDCC-0003-AD Admiralty Brass, Alloy CDA443  
 RDCC-0004-CO Copper, Alloy CDA122  
 RDCC-0005-GA Galvanized, Alloy C1010 Mild Steel  
 RDCC-0006-BM Biofouling Mesh (shown above)  
 RDCC-0007-AL Aluminum, Alloy AL7075  
 RDCC-0008-CI Cast Iron, Class 40

### Coupon Holders

RD1/2ROD Rod, PVC,  $\frac{1}{2}$ " x 3  $\frac{1}{2}$ "  
 RD1/2RODTEF Rod, Teflon,  $\frac{1}{2}$ " x 3  $\frac{1}{2}$ "  
 RDPIPEPLUG1 Pipe Plug, Zinc Coated Steel, 1"  
 RDPIPEPLUG3/4 Pipe Plug, Zinc Coated Steel,  $\frac{3}{4}$ "

### Coupon Racks

RDCR-4000-3/4 Coupon Rack, 2 Position,  $\frac{3}{4}$ " PVC  
 RDCR-4000-1 Coupon Rack, 2 Position, 1" PVC  
 Many more available upon request....

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## Current Detector

The Extech® DVA30 is a two-in-one current/voltage detector designed for electrical testing. Features a non-contact AC voltage detection from 5V to 250VAC and a non-contact AC current detection from 400mA. Current sensor detects current flow through shielded wires, conduit and metal circuit breaker/junction boxes.



RDDVA30 Extech® DVA30 Current/Voltage Detector

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## Cylinders

Glass and Polymethylpentene PMP graduated cylinders. Metric calibrations "to deliver". Mixing cylinders come with plastic stopper. Calibrated "to contain".



### Glass Cylinders

RDCY-7010-G 10 mL Cylinder  
 RDCY-7025-G 25 mL Cylinder  
 RDCY-7050-G 50 mL Cylinder  
 RDCY-7100-G 100 mL Cylinder

### Poly PMP Cylinders

RDCY-7010-P 10 mL Cylinder  
 RDCY-7025-P 25 mL Cylinder  
 RDCY-7050-P 50 mL Cylinder  
 RDCY-7100-P 100 mL Cylinder  
 RDCY-7250-P 250 mL Cylinder  
 RDCY-7500-P 500 mL Cylinder

### Glass Mixing Cylinders with Poly Stopper

RDCY-7025-M 25 mL Cylinder  
 RDCY-7050-M 50 mL Cylinder  
 RDCY-7100-M 100 mL Cylinder

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## Demineralizer Bottle

Poly bottle with resin to demineralize small quantities of water. The 177 mL size is great to put into our customized field test kits.



RD1429900 177 mL Bottle  
 RD2184600 473 mL Bottle



# Droppers

Plastic graduated eye droppers.



RDDR-0510-P 0.5 and 1.0 mL Marks  
RDCP-0020-DR 0.5 and 1.0 mL Marks with 20mm Cap

# Electrodes & Sensors

Replacement electrodes and sensors for Myron L, Fisher, Extech®, Thermo, Orion, Oakton®, Sensorex, and most brands available.

## Myron L

RPG Electrode for Myron L TP1 & TPH1  
RPR pH/ORP Sensor for Myron L 4PII & 6PIIS

## Oakton®

RDWD-35425-50 Sensor for Oakton PCTestr™35  
RDWD-35661-17 Sensor for Oakton TDSTestr and ECTestr  
RDWD-35661-08 Sensor for OaktonTDSTestr+ and ECTestr+  
RDWD-35650-09 Sensor for Oakton ORPTestr  
RDWD-35624-38 Sensor for Oakton pHTestr 10, 20, & 30  
RDWD-35811-72 Double Junction Electrode for Oakton pH 11  
RDWD-35811-71 Single Junction Electrode for Oakton pH 11

## Hach

RD9316900 Electrode for H130, H135, & H138

## Extech

EC505 pH Electrode/Conductivity Cell Module for ExStikR EC500  
EC405 Conductivity Cell Module for ExStickR EC400  
PH105 pH Electrode for ExStikR PH100

## Sensorex

S175CD Spear Tip Piercing pH Electrode  
(For semi solid materials)  
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# Filter Paper

Filtering samples before testing is often necessary for providing accurate results. That is why we offer several different brands and types of filter paper. Our most popular item are included here, but many other grades and sizes are available. If you cannot find what you are looking for, please give us a call. Our economical Ahlstrom #610 filter papers are equivalent to the popular Whatman #5.



## MCE Membrane Filters

RDFF-0002-25 0.2 micron, 25mm, 100 pack  
RDFF-0045-25 0.45 micron, 25mm, 100 pack  
RDFF-0045-47 0.45 micron, 47mm, 100 pack

## Millipore MCE Membrane Filters

RDFF-5000-25 5 micron, 25mm , 100 pack

## Whatman Qualitative Filters

RFP-0005-12 Whatman 5 12.5cm 100 pack

## Ahlstrom Qualitative Filters

RDFF-0610-9 9cm #610, 100 pack (slow flow)  
RDFF-0610-25 2.5cm #610, 100 pack (slow flow)  
RDFF-0610-12 12.5cm #610, 100 pack (slow flow)  
RDFF-0617-9 9cm #617, 50 pack (very fast flow)  
RDFF-0617-12 12.5cm #617, 50 pack (very fast flow)

## Syringe Filter Holders

RDFH-1025-F 25mm Filter Holder for Luer-Lok Syringe  
RDFH-1047-F 47mm Filter Holder for Luer-Lok Syringe



NOTE: Syringe not included

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## Funnels

RDFN-6080-P 80mm Funnel, Poly  
RDFN-6150-P 150mm Funnel, Poly  
RDFN-6122-G 122mm Funnel, Glass

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## Filter, Pressure

This handheld pressure filter speeds up filtering. It requires 47mm filtering paper & filters up to a 250 mL sample. Also see our filter paper section.



RDPF-FILTER-P Pressure Filter, 250 mL  
RDFP-0045-47 47mm Filter Paper, 0.45 micron, 100 pack

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## Flasks

Erlenmeyer flasks are available in narrow mouth glass and Nalgene polymethylpentene with screw caps. Both are great for titrations. Volumetric flasks are Class A with poly stoppers. Calibrated "to contain".



### Erlenmeyer Flask, Glass, Economy Grade

RDFE-5125-G 125 mL (economy glassware)  
RDFE-5250-G 250 mL (economy glassware)  
RDFE-5500-G 500 mL (economy glassware)  
RDFE-5001-G 1000 mL (economy glassware)

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### Erlenmeyer Flask, Glass

RDFE-1125-G 125 mL  
RDFE-1250-G 250 mL  
RDFE-1500-G 500 mL  
RDFE-1000-G 1000 ML

### Erlenmeyer Flask, Clear Polycarbonate

RDFE-1125-P 125 mL  
RDFE-1250-P 250 MI

### Erlenmeyer Flask with Screw Cap, Nalge

RDFE-1125-C 125 mL  
RDFE-1250-C 250 MI

### Volumetric Flask, Glass, Class A

RDFV-8100-G 100 mL  
RDFV-8250-G 250 mL  
RDFV-8500-G 500 mL  
RDFV-1000-G 1000 mL

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## Fly Control System

Made by Paraclipse®, the Insect Inn Ultra™ 1 and Terminator™ Fly Control Systems brilliantly eliminate the worries associated with other forms of flying insect control. Unlike traditional "bug zappers", these trapping systems are sanitary as flies and other flying insects are fully contained inside the units. These units use special UV light and strategically placed UV Booster Reflectors to draw flies already indoors to the units. The UV light they use is harmless to humans, but fatally attractive to insects. Each unit meets all applicable USDA and FDA guidelines.



### Insect Inn Ultra 1 - Decorative Commercial Unit

RD250501 Paraclipse® Insect Inn™ Ultra 1  
Includes 1 cartridge and 1 UV lamp  
18.5" x 15.25" x 6.75" / 5 lbs.

RD73836 Replacement Cartridges - 12 pk  
RD73820 Replacement Cartridges - 4 pk  
RD72651 Replacement UV Lamp

#### **Terminator - Commercial Industrial Unit**



RD251350 Paraclipse® Terminator™  
Includes 1 cartridge and 2 UV lamps  
23" x 10" x 8.5" / 9 lbs.  
RD73892 Replacement Cartridges - 12 pk  
RD73891 Replacement Cartridges - 4 pk  
RD72917 Replacement UV Lamps (2 pk)  
Unit requires 2 lamps

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## **Funnels**

We offer plastic and glass funnels.



#### **Plastic Funnels**

RDFN-6080-P 80mm Funnel, Poly  
RDFN-6150-P 150mm Funnel, Poly

#### **Glass Funnels**

RDFN-6122-G 122mm Funnel, Glass

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## **Glasses, Safety**

Lightweight Uvex® safety glasses. Clear lens with red, white and blue frames. The Ztek is a comfortable, economical safety glasses.



RDSG-3030-S Uvex® Safety Glasses  
RDSG-3040-S Ztek Safety Glasses

## **Glo Germ™**

Glo Germ™ is an effective tool to demonstrate handwashing, surface cleaning, hygiene, and containment techniques.



RDK1G1 Glo Germ Kit 1003 - Gel (9 LED light)  
RDK1G2 Glo Germ Kit 1006 - Gel (21 LED light)

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## **Gloves**

We offer powder free nitrile gloves, which contain no natural rubber latex and powder free latex gloves.



Latex Gloves Shown

#### **Nitrile, Powder Free (Box of 100 gloves)**

RDGL-4331-S Small  
RDGL-4331-M Medium  
RDGL-4331-L Large  
RDGL-4331-X X-Large

#### **Latex, Powder Free (Box of 100 gloves)**

RDGL-4332-S Small  
RDGL-4332-M Medium  
RDGL-4332-L Large  
RDGL-4332-X X-Large



# Hydrometers

Accuracy meets or exceeds ASTM E 100 specifications. Comes complete with certificate indicating traceability to NIST standards. Requires 250 mL of liquid in a cylinder.



RDA-1415 Hydrometer, 0-100% Salt Saturation  
RDA-1418 Hydrometer, 0-26.4%  
RDA-1444 Hydrometer, Specific Gravity, 1.0-1.07  
RDA-1101 Hydrometer, Specific Gravity, 1.0-1.22  
RD08-530J Glass Cylinder for Hydrometer, 300 mL

# Incubators

## Compact Incubator

This incubator was developed for laboratories that need a dependable, compact incubator for cultures, test kits, and biologicals. It is ideal for clinical, industrial and school laboratories and as a general purpose warming cabinet.



RDIN-0140-N General Purpose Incubator, 120V, Temp range up to 62°C  
Interior dimension: 12"W x 10"D x 10"H

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## Mini Incubator

Ideal for microbiology or hematology applications, this mini incubator features a corrosion resistant chamber, three shelf levels, door with large viewing area and automatic safety cut out to prevent overheating.



RDIN-2000-N Mini Incubator, 120V  
Temp range up to 60°C  
Interior dimension: 9" x 7.9"x 7.9"

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## Sani-Check Desktop Incubator

Designed for small-scale incubation needs such as Sani-Check test strips, as well as Sani-Check and Culturia dip slides. The incubator will easily hold 12 Sani-Check or Culturia dip slides, 25 Sani-Check SRB tubes, or over 100 Sani-Check AB or YM. The incubator has a plexiglass door for easy viewing of contents.



RD500 Sani-Check Incubator, 120V  
Temp range 31-40°C  
Interior dimension: 9" x 7.9"x 7.9"

# Jar Testers

## Orbeco

Orbeco ET 730 Portable Jar Tester

- 4 stirring places
  - 20/40/50/100/120 RPM
  - Timer function, 1-30 minutes
  - Illuminated back panel
  - Height adjustment of blades
  - Weights 10.5 pounds
  - Measures 10"x12.5"x10"
  - Requires 1000 mL low form beakers
- Protective carrying/storage case is also available. If interested, please call for details.



RDL2419150 Orbeco ET 730 Portable Jar Tester

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## A&F Machine Products

A&F Machine Four Station Portable Jar Tester. Portable sludge/suspended matter testing equipment. Stainless steel paddles are 1"x 3" and driven by 1/15 hp variable speed gear drive motor from 6-250 rpm. Electrical Voltage: 120VAC 50/60Hz. Includes: 4 x1000mL beakers, 4x10mL pipettes, and built-in fluorescent floc illuminator.



RDJM-4 JM-4 Portable Jar Tester

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## Lamp, UV

Ultraviolet lamp with power supply for use in Hach phosphonate and triazole determinations. 115 VAC and 230 VAC are available. Please inquire.



RD2704500 Lamp Kit 115 VAC  
RD2671000 UV Lamp, Shortwave, 254nm, 2.125"  
RDSP-0174-UV UV Splitter (for using two lamps)  
RD2113400 UV Spectacles

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## Magnetic Stirrer / Hotplates

Cimerec hotplate/stirrers are designed for safe and easy operation. White, glass ceramic tops for even heating surface. Operating temperatures from 5° to 550°C with digital temperature display.



RDMH-7035-H Magnetic Stirrer / Hotplate 56 in<sup>2</sup>  
RDMH-7020-H Magnetic Stirrer / Hotplate 18 in<sup>2</sup>  
RDHI190M-1 Hanna Economy Mini Stirrer (stirrer only, not a hotplate)

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## Parafilm

Grade M parafilm used to temporarily seal beakers, flasks and other Glassware.



RDPM-4125-P Parafilm M 4"x125'

## Pipets

Glass, volumetric Class A pipets. Calibrated to deliver. Color coded and reusable.



RDPV-6555-G Pipet, 0.5 mL  
RDPV-6001-G Pipet, 1 mL  
RDPV-6002-G Pipet, 2 mL  
RDPV-6005-G Pipet, 5 mL  
RDPV-6010-G Pipet, 10 mL  
RDPV-6050-G Pipet, 50 mL  
RDPV-6100-G Pipet, 100 mL  
RDPB-5000 Pipet Safety Bulb  
RDPP-3005-P Pumpmatic Disposable Pipetting System

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# Pipet Fillers

Scienceware fast release pipet pump filler dispenser makes pipeting easier. The safety bulb pipet filler fits any size pipet, but does not attach to pipets. Never pipet by mouth!



RDPF-3500-B Pipet Filler, blue (fits pipet up to 2 mL)  
RDPF-4500-G Pipet Filler, green (fits pipet up to 10 mL)  
RDPB-5000 Pipet Safety Bulb

# Refractometers

## Reichert Digital Multi-Chek

The Digital Multi-Chek Fahrenheit accurately and effectively tests Coolant - both ethylene and propylene glycol. It is dust proof and water resistant (IP65). The Digital Multi-Chek meets ASTM D3321 refractometer method standards for accuracy of  $\pm 1$  °F.



RD13940014 Digital Multi-Chek Refractometer (Fahrenheit)

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## Reichert Rhino Duo-Chek

The Rhino Duo-Chek Engine Coolant and Battery Test Refractometer offers an accurate, fast and easy-to-use method for testing engine coolant freeze point, glycol concentration, and battery charge condition. Automatic temperature compensation



-60 to 32°F Propylene Glycol Freeze Point  
-60 to 32°F Ethylene Glycol Freeze Point  
1.100 to 1.400 Specific Gravity

RDRF-1000-R Rhino Duo-Chek Refractometer

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## Extech® RF40

The Extech® RF40 portable refractometer measures the concentration of sugar, salt, lubricants, antifreeze, cutting fluids and more. The RF40 provides accurate and repeatable measurements on easy to read scales and features automatic temperature compensation. Only 2 or 3 drops of solution are required.



-60 to 32°F Propylene Glycol Freeze Point  
-60 to 25°F Ethylene Glycol Freeze Point  
1.15 to 1.30 Specific Gravity

RF40 Extech® RF40 Refractometer

## Our own Refract 104

This portable refractometers can measure the concentration of antifreeze and battery acid. The Refract 104 provides accurate and repeatable measurements on easy to read scales and features automatic temperature compensation. Only 2 or 3 drops of solution are required. Other models are available to measure the concentration of sugar, salt, lubricants, antifreeze, cutting fluids and more.



- Measures -60 to 32°F Propylene/Ethylene Glycol freeze point and 1.11 to 1.30 Specific Gravity of Battery Acid
- Automatic Temperature Compensation (ATC)
- Requires only 2 or 3 drops of solution
- The prism and lens with a simple focus adjustment
- Complete with case, calibration screwdriver, plastic pipette and calibration solution

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# Sample Coolers

A safe method of withdrawing water from boilers, steam lines or tanks containing chemicals and for cooling the withdrawn liquid for subsequent chemical analysis. These rugged counter flow heat exchangers are easy to install. The inner coil, of type 316 stainless steel, is of one piece construction.



RR Carbon Steel Shell, Removable Coils  
LBC Carbon Steel Shell, Non-Removable Coils  
RR-SS Stainless Steel Shell, Removable Coils  
LBS Stainless Steel Shell, Non-Removable Coils

# Sampler / Ladle

Designed to protect your hands while collecting boiler samples, this tool is ideal for collecting those "hard to reach" samples. I have personally used one of these for years.....



RDSL-4625-P Sampler/Ladle

# Spatulas/Scoops

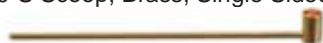
RDSP-9980-S Spatula / Scoop, 9" Scoop end:  
1.25" L x 0.56" W Spatula end: 2" L x 0.31" W



RDSP-9990-S Spatula / Spoon, 12"



RDDP-4000-D Scoop, Brass, Double Sided, 0.2g  
RDDP-4000-S Scoop, Brass, Single Sided, 0.2g



RDSC-1000-P Scoop, Plastic, 2g  
RDSP-1014 Scoop, Plastic, 1g  
RDSC-1021-P Scoop Plastic, 0.1g



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# Spotlight, Sample

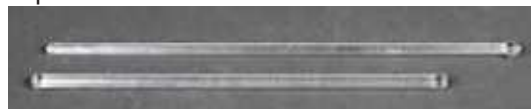
The EndPoint IC™ Sample Spotlight helps you to see your color changes in less than ideal lighting situations. With a simple push of a button, your sample will be illuminated allowing you to accurately titrate your sample.



RDIC-2050-SS EndPoint IC™ Sample Spotlight  
RDVL-1005-V Vial, 10-50 mL, Poly

# Stirring Rods

Glass and plastic stirring rods used for mixing samples.



RDSR-6906-G 6" Stir Rod, Glass  
RDSR-6906-P 7" Stir Rod, Plastic

# Syringes

B-D general purpose sampling and filtering syringes. Luer-Lok style tips. Please see our filter paper under the filter paper section.



## Syringes

RDSY-2001-P Syringe 1cc  
RDSY-2001-P-PK Syringe 1cc, 100 pack  
RDSY-2003-P Syringe 3cc  
RDSY-2003-P-PK Syringe 3cc, 100 pack  
RDSY-2005-P Syringe 5cc  
RDSY-2005-P-PK Syringe 5cc, 100 pack  
RDSY-2010-P Syringe 10cc  
RDSY-2010-P-PK Syringe 10cc, 100 pack  
RDSY-2012-P Syringe 12cc  
RDSY-2020-P Syringe 20cc  
RDSY-2030-P Syringe 30cc  
RDSY-2030-P-PK Syringe 30cc, 40 pack  
RDSY-2060-P Syringe 60cc  
RDSY-2060-P-PK Syringe 60cc, 40 pack



## Syringe Filter Holders

RDFH-1025-F 25mm Filter Holder for Luer-Lok Syringe  
RDFH-1047-F 47mm Filter Holder for Luer-Lok Syringe



NOTE: Syringe not included

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# Test Cabinets

## TestMaster Senior Plastic Cabinet

Test cabinets are a great way to save counter space and better organize a QC titration area. This wall mountable cabinet features a slide out work tray, 4 shelves, places for 4 burets and a light.

Dimensions: 25" wide x 25" tall x 12" deep.  
Tray is 16" deep.



The fine print reads: "Meters, glassware and accessories sold separately"

## RDTC-0004-P TestMaster Senior Plastic Cabinet

RDGLWPAK-4 4 Titration Glassware Set  
(Includes 4x10mL autoburets Teflon® SC w/  
poly bottle, 1x100mL poly graduated cylinder, 4x  
poly erlenmeyer fl asks, 4x poly stir rods)  
RDGLWPAK-3 3 Titration Glassware Set, as  
above, 3 each.  
RDGLWPAK-2 2 Titration Glassware Set, as  
above, 2 each.

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## TestMaster Senior Metal Cabinet

Metal, adjustable with lighting fixture,  
extendable tray and required accessories to  
accommodate 4 buret titrations.

Dimensions: 24" wide x 22" tall x 11" deep.  
Tray is 15" deep.



The fine print reads: "Meters, glassware and accessories sold separately"

## RDTC-0004-M TestMaster Senior Metal Cabinet

RDGLWPAK-4 4 Titration Glassware Set  
(Includes 4x10mL autoburets Teflon® SC w/  
poly bottle, 1x100mL poly graduated cylinder, 4x  
poly erlenmeyer fl asks, 4x poly stir rods)  
RDGLWPAK-3 3 Titration Glassware Set, as  
above, 3 each.  
RDGLWPAK-2 2 Titration Glassware Set, as  
above, 2 each.

## TestMaster Senior Metal Cabinet w/ Horizontal Door

Test cabinets are a great way to save counter  
space and better organize a QC titration area.  
This wall mountable cabinet features fold-down  
doors, 3 shelves, places for 4 burets and a light.

Dimensions: 30.5" wide x 20.25" tall x 10" deep.  
When open, work tray is 11" deep.

Continued on the next page....



## TestMaster Senior Metal Cabinet w/ Horizontal Door, Continued



Meters, glassware and accessories are sold separately.

The fine print reads: "Meters, glassware and accessories sold separately"

### RDTC-0005-M TestMaster Senior Metal Cabinet w/Horizontal Door

RDGLWPAK-4 4 Titration Glassware Set  
(Includes 4x10mL autoburets Teflon SC w/ poly bottle, 1x100mL poly graduated cylinder, 4x poly erlenmeyer flasks, 4x poly stir rods)  
RDGLWPAK-3 3 Titration Glassware Set  
RDGLWPAK-2 2 Titration Glassware Set

## TestMaster Junior Metal Cabinet

Metal, adjustable with lighting fixture, extendable tray and required accessories to accommodate 2 buret titrations.

Dimensions: 13.25" wide x 24.25" tall x 9" deep  
Tray is 13" deep.



Meters, glassware and accessories are sold separately.

The fine print reads: "Meters, glassware and accessories sold separately"

### RDTC-0002-M TestMaster Junior Metal Cabinet

RDGLWPAK-2 2 Titration Glassware Set  
(Includes 2x10mL autoburets Teflon SC w/ poly bottle, 1x100mL poly graduated cylinder, 2x poly erlenmeyer flasks, 2x poly stir rods)

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## TestMaster Metal Titration Tray

All metal adjustable and portable utility tray or hanging shelf, specially designed for supporting and safe guarding glass burettes. This will accommodate 2 buret assemblies with reagents and apparatus providing safe and instant titrations.

Dimensions: 12" wide x 20.5" tall x 8" deep



Glassware and accessories sold separately

### RDTC-0005-M TestMaster Senior Metal Cabinet w/Horizontal Door

RDGLWPAK-2 2 Titration Glassware Set  
(Includes 2x10mL autoburets Teflon SC w/ poly bottle, 1x100mL poly graduated cylinder, 2x poly erlenmeyer flasks, 2x poly stir rods)

## Test Cases

We deal with people who specialize in creating custom test kits. We offer several varieties of test cases (plastic, aluminum, and Pelican). We are able to cut foam specific to your needs so that your test case holds the reagents, meters and apparatus that you need. If you need a custom kit made, please call us to discuss in more detail.

### Plastic Test Case - 4 Compartment



RDTKCASE050 Single Parameter Test Case  
Compartments for up to 4 reagents  
7.75" x 3" x 4.5"

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### Plastic Test Case - 8 Compartment



RDTKCASE100 Single  
Parameter Test Case  
Compartments for up to  
8 reagents  
7.75" x 4.25" x 4.5"

### Plastic Test Case - 24 Compartment



RDTKCASE200  
Combination Test  
Case  
Compartments for up  
to 24 reagents  
12.25" x 7.75" x 7.75"

### Aluminum Test Case – Medium

Photo shows custom cut foam and is for demonstration purposes only. Kit comes with standard foam. To request custom cut foam for your kit, please call.



RDTKCASE300  
Aluminum Field Test  
Case - Medium w/  
large reagent tray and  
standard cut foam  
19" x 13.75" x 4.5"  
(interior)

### Aluminum Test Case – Large

Photo shows custom cut foam and is for demonstration purposes only. Kit comes with standard foam. To request custom cut foam for your kit, please call.



RDTKCASE400  
Aluminum Field Test  
Case – Large w/ large  
reagent tray and  
standard cut foam  
24" x 15.75" x 4.5"  
(interior)

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### Pelican Test Case – Small

Photo shows custom cut foam and is for demonstration purposes only. Kit comes with standard foam. To request custom cut foam for your kit, please call.



RDTKPELICAN-100  
Pelican Field Test Case -  
Small w/ large reagent  
tray and standard cut  
foam  
18.06" x 12.89" x 6.72"  
(interior)

### Pelican Test Case – Medium

Photo shows custom cut foam and is for demonstration purposes only. Kit comes with standard foam. To request custom cut foam for your kit, please call.



RDTKPELICAN-150  
Pelican Field Test Case -  
Medium w/ large reagent  
tray and standard cut  
foam  
18.43" x 14" x 7.62"  
(interior)

### Pelican Test Case – Large

Photo shows custom cut foam and is for demonstration purposes only. Kit comes with standard foam. To request custom cut foam for your kit, please call.



RDTKPELICAN-200  
Pelican Field Test  
Case – Large w/  
wheels and pull  
handle  
20.37" x 15.43" x 9"  
(interior)

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## Accessories for Test Cases

RDWS-8900 White Plastic Work Surface,  
12" x 12"

RDSB-1000 Saddle Bag

RDLIDORG-100 Lid Organizer for

RDTPELICAN-100,

Features zippered,

mesh pockets

RDPP-3300 Powder

Pillow Holder

RDTC-HOLDER

Digital Titrator

Cartridge Holder



RDSB-1000 (Shown)

## Field Titration Case

This field titration case is reduced in size, but is tall enough to allow standard sized autoburets. Reagent trays on the opposite wall allow great flexibility for storage. We also offer larger cases of a similar design. Please call for details.

RDFT-3504-P 4 Buret Titration Case

18.5" x 9" x 13.5"

RDGLWPAK-4 4 Titration Glassware Set



(Includes 4x10mL autoburets Teflon® SC w/ poly bottle, 1x100mL poly graduated cylinder, 4x poly erlenmeyer fl asks, 4x poly stir rods)

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## LaMotte Titration Case\*

**\*Must use short-form burets with this case. Burets not included.**

An accordion style case with the ability to hold four 10 mL short-form self-zeroing burets (not included) on the right and reagent trays with space for a conductivity meter on the left. We can customize the foam tray inserts. Call us for details. Continued on next column.....

## LaMotte Titration Case, Cont.

RD7643-CS LaMotte Titration Case

18.75" x 15.5" x 8.5"

RDAB-8010-TS-SF Short-Form Autoburet with Teflon® SC and Squeeze Bottle

\*Must use short form burets with this case



**I have used this case for over 30 years.**

## Test Strips

We stock test strips from leading manufacturers such as Hach, Hydriion, LaMotte and many others. We can include these strips in customized test kits as well as sell them individually.



## Combination Test Strips

RD2755250 5 in 1 test strips, 50 strips  
Free Chlorine, Total Chlorine, Total Hardness, Total Alkalinity, pH

## Alkalinity Test Strips

RD2744850 Alkalinity, Total as CaCO<sub>3</sub>, 0-240 ppm, 50 strips

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# Test Strips, Cont.

## Chlorine Test Strips

RDCH0200-V Chlorine, Free, 0-200 ppm, 200 strips (private labeled)  
RD4250-BJ Chlorine, Total, 0-200 ppm, 200 strips  
RD4250-BJ-100 Chlorine, Total, 0-200 ppm, 100 strips  
RDCM-240 Chlorine, Free, 0-200 ppm, roll  
RD2745050 Chlorine, Free & Total, 0-10 ppm, 50 strips  
RD480010 Chlorine, Total, 0-10 ppm, 50 strips  
RD480024 Chlorine, Free, 5-750 ppm, 50 strips  
RD5161 Chlorine, Free, 0-750 ppm, 100 strips  
RD77085 Chlorine, Free, 0-10,000 ppm, 50 strips

## Chlorine Dioxide Test Strips

RD480031 Chlorine Dioxide, 0.5-2-5-10-25-50-100 ppm, 50 strips  
RD481028 Chlorine Dioxide, 0-1.6 ppm, 50 strips  
RD2999LR Chlorine Dioxide, 0-10 ppm, 50 strips  
RD3002 Chlorine Dioxide, 0-500 ppm, 50 strips

## Hardness Test Strips

RD2745250 Hardness, Total as  $\text{CaCO}_3$ , 0-425 ppm, 50 strips

## Hydrogen Peroxide Test Strips

RD480014 Hydrogen Peroxide, 1-100 ppm, 50 strips

## Iodine Test Strips

RDIL-250 Lo Iodine, 0-12.5-25-50 ppm, 2 rolls  
RD480064 Iodine Check, 0-300 ppm, 50 strips  
RD2948-BJ Iodine, 0-100 ppm, 200 strips

## Iron Test Strips

RD481623-V Total Iron Test Strips ( $\text{Fe}^{+2}$  /  $\text{Fe}^{+3}$ ): 0, 0.3, 0.5, 1, 3, 5 mg/L (ppm)

## Ozone Test Strips

RD481234 Ozone 0, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5 ppm, 50 strips

## Peracetic Acid Test Strips

RD3000 Peracetic Acid, 0-160 ppm, 50 strips  
RD3000LR Peracetic Acid, 0-50 ppm, 50 strips  
RD10001-1 Peracetic Acid, 100-500 ppm, 100 strips  
RDHP20401 Peracetic Acid, 0-2000 ppm, 100 strips  
RDPAA-160 Peracetic Acid, 1-160 ppm, 50 strips

## pH Test Strips

RDPH-0014-PK pH, 0-14.0, 100 strips  
RDPH-0209-PK pH, 2.0-9.0, 100 strips  
RDPH-0006-PK pH, 0.0-6.0, 100 strips  
RDPH-4510-PK pH, 4.5-10.0, 100 strips  
RDPH-6010-PK pH, 6.0-10.0, 100 strips  
RDPH-0714-PK pH, 7.0-14.0, 100 strips  
RDPH-1838-PK pH, 1.8-3.8, 200 strips  
RDPH-0608-SR pH, 6-8, single roll  
RDPH-0114-SR pH, 1-14, single roll  
RD165 pH, 1-12, 100 strips  
RD9800 pH, 1-14, 100 strips

## Quat Test Strips

RDQT0400-V Quat Strips 0-400 ppm, 100 strips (private labeled)  
RDQL-110 Quat, Low Ion, 0-100 ppm, roll  
RDQT-10 Quat, 0-400 ppm, roll  
RD2951 QAC, 50-400 ppm, 100 strips  
RDQT-40 Quat, 0-500 ppm, roll  
RDQK-1000 Quat, 0-1000 ppm, double roll  
RDQC-1001 Quat, 0-1000 ppm, roll  
RD5152 Quat, 0-50-100-200-400-1000 ppm, 100 strips

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# Test Strip Stations

Mount these test strip stations near your testing area to help organize and allow for easy access.



RDSS-0002-S Test Strip Station - Holds 2 vials (above). Only compatible with:

- item # RDCH0200-V and
- item # RDQT0400-V



RDSS-0007-R Test Strip Station - Holds 5 rolls and 2 vials

# Thermometers

These are four economical thermometers. The infrared models provide noncontact measurement, so readings can be taken from a safe distance. °F/°C selection, with simple point and shoot operation.



## Thermometers

RDWD-35625-10 Oakton® TempTestr IR, 0-500°F

RDWD-39642-00 Oakton® Mini TempTestr IR -27 to 428°F

RD16100807 Metal 1.75" Dial Thermometer with 8" Stem, 50-300°F & 10-150°C

RD1210-05-56 Metal 1" Dial Thermometer with 5" Stem, 0-220°F

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# Temperature Labels, Stick-on Indicator

These labels are to be attached to the condensate line, tank, equipment, or whatever item where you are concerned about exceeding the maximum temperature on the label. If the temperature is reached or exceeded, the label will change color to let you know that this has happened.

RDTL-0150-24 150°F / 66°C, 24 pack

RDTL-0160-24 160°F / 71°C, 24 pack

RDTL-0170-24 170°F / 77°C, 24 pack

RDTL-0180-24 180°F / 82°C, 24 pack

# Tongs & Tools

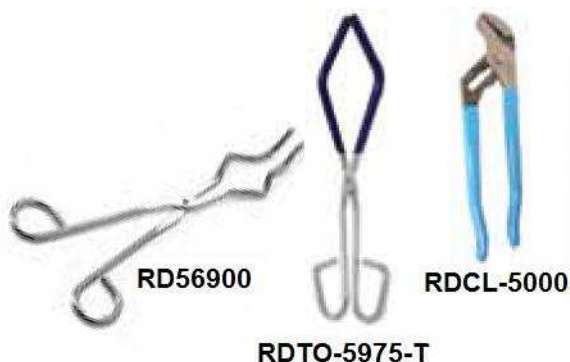
We stock a variety of tools for lab and field use.

RDTO-5975-T Beaker Tongs, Nickel-Plated

RDTD56900 Crucible Tongs, Nickel-Plated

RDCL-5000 Channel Locks 8"

RDSD-7700 Multi-Head Screw Driver



# Tube, Phosphate

Tulip shaped mixing tube for phosphate analysis. Calibrated marks at 5, 10, 14, 15, and 17.5 mL.



RDTU-2000-T Tube, Phosphate

RDBR-2400 Test Tube Brush



# Vials

We offer snap cap vials with calibrated graduations. Our larger 10-50 mL vial has 5 mL increments and a our smaller vial has 5, 10, 12.5, and 25 mL markings. We stock many other vials for your testing needs.

RDVL-1005-V 10-50 mL, Poly (5 mL increments)

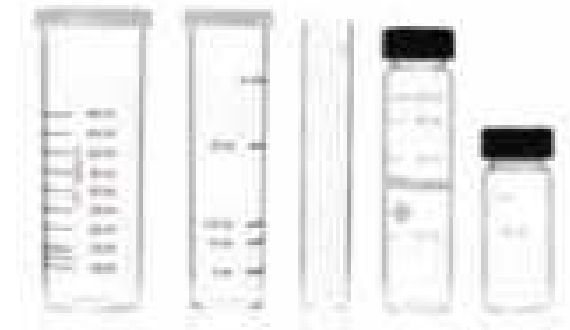
RDVL-0525-V 5,10,12.5, 25 mL, Poly

RD173006 Hach Glass Viewing Tube, 6 pack

RD2401906 Hach Glass Sample Cell for DR890, 6 pack

RD2427606 Hach Glass Sample Cell for Hach PCII, 6 pack

0715 Test Tube, Plastic



Types from left to right are:

- RDVL-1005-V
- RDVL-0525-V
- RD173006
- RD2401906
- RD2427606

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