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VWR Life Science Seradigm is a fully-integrated supplier of animal sera, providing the cell culture community with access to the most reliable supply of high performance, exceptional quality Fetal Bovine Serum (FBS) and FBS alternatives.

VWR Life Science Seradigm offers a variety of serum products to fit your cell culture application and budget, including:

- Ultimate Grade FBS**
- Premium Grade FBS**
- Ultra Low IgG FBS**
- Iron Supplemented Bovine Calf Serum (BCS)**
- FB Essence**, a cost-effective FBS alternative

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Learn more today at [vwr.com/seradigm](http://vwr.com/seradigm)



## VWR Life Science Seradigm

- Various grades available

| Description                                                              | Volume | Origin | Endotoxin | Hemoglobin | Cat. No.  |
|--------------------------------------------------------------------------|--------|--------|-----------|------------|-----------|
| <b>VWR Life Science Seradigm Fetal Bovine Serum (FBS)</b>                |        |        |           |            |           |
| Fetal Bovine Serum, Ultimate Grade                                       | 500 mL | U.S.A. | <10 EU/mL | <25 mg/dL  | 97068-101 |
| Fetal Bovine Serum, Ultimate Grade, Gamma Irradiated                     | 500 mL | U.S.A. | <10 EU/mL | <25 mg/dL  | 97068-102 |
| Fetal Bovine Serum, Ultimate Grade, Heat Inactivated                     | 500 mL | U.S.A. | <10 EU/mL | <25 mg/dL  | 97068-107 |
| Fetal Bovine Serum, Premium Grade                                        | 500 mL | U.S.A. | <20 EU/mL | <25 mg/dL  | 97068-085 |
| Fetal Bovine Serum, Premium Grade, Heat Inactivated                      | 500 mL | U.S.A. | <20 EU/mL | <25 mg/dL  | 97068-091 |
| <b>VWR Life Science Seradigm Fetal Bovine Serum (FBS), Ultra Low IgG</b> |        |        |           |            |           |
| Ultra Low IgG Fetal Bovine Serum (FBS)                                   | 500 mL | U.S.A. | ≤20 EU/mL | ≤25 mg/dL  | 10018-826 |
| Ultra Low IgG Fetal Bovine Serum (FBS), Heat Inactivated                 | 500 mL | U.S.A. | ≤20 EU/mL | ≤25 mg/dL  | 10018-830 |
| <b>VWR Life Science Seradigm Bovine Calf Serum, Iron Supplemented</b>    |        |        |           |            |           |
| Bovine Calf Serum, Iron Supplemented                                     | 500 mL | U.S.A. | <20 EU/mL | <30 mg/dL  | 10158-358 |
| Bovine Calf Serum, Iron Supplemented                                     | 1 L    | U.S.A. | <20 EU/mL | <30 mg/dL  | 10153-134 |
| Bovine Calf Serum, Iron Supplemented, Heat Inactivated                   | 500 mL | U.S.A. | <20 EU/mL | <30 mg/dL  | 10799-386 |
| Bovine Calf Serum, Iron Supplemented, Gamma Irradiated min 25 kGy        | 1 L    | U.S.A. | <20 EU/mL | <30 mg/dL  | 10153-136 |
| <b>VWR Life Science Seradigm FB Essence</b>                              |        |        |           |            |           |
| FB Essence, FBS Alternative                                              | 500 mL | U.S.A. | <20 EU/mL | <25 mg/dL  | 10803-034 |
| FB Essence, FBS Alternative, Heat Inactivated                            | 500 mL | U.S.A. | <20 EU/mL | <25 mg/dL  | 10799-390 |
| FB Essence, FBS Alternative, Heat Inactivated                            | 50 mL  | U.S.A. | <20 EU/mL | <25 mg/dL  | 10799-384 |
| FB Essence, FBS Alternative, Gamma Irradiated                            | 500 mL | U.S.A. | <20 EU/mL | <25 mg/dL  | 10805-180 |



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## VWR® Standard Line Cell Culture Dishes

- Clear PS, sterile and certified non pyrogenic
- Flat bottom and uniform wall thickness ensure dishes are distortion-free
- Stacking rings for easier stacking and handling
- 60, 70 and 100mm dishes have a gripping ring incorporated in the design
- Every inner bag is printed with a batch number for traceability

| Description         | Dia. x H   | Growth Area         | Unit             | Cat. No.         |
|---------------------|------------|---------------------|------------------|------------------|
| Cell Culture Dishes | 100 x 22mm | 60.8cm <sup>2</sup> | 10/Pack-300/Case | <b>10062-880</b> |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Standard Line Cell Culture Flasks

- Crystal clear virgin polystyrene
- Sterile and certified non-pyrogenic
- Good pipette and cell scraper access
- Volume graduations on both sides with special writing area
- Choice of vented or plug seal caps

| Description         | Volume | Culture Area      | Cap Type | Unit           | Cat. No.         |
|---------------------|--------|-------------------|----------|----------------|------------------|
| Cell Culture Flasks | 250 mL | 75cm <sup>2</sup> | Vented   | 5/Bag-100/Case | <b>10062-860</b> |

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## VWR® Standard Line Multiwell Culture Dishes

- Clear polystyrene; sterile; certified non-pyrogenic
- Well volume uniformity ensures uniform growth surface area exposure
- Raised rims on wells and condensation rings on the lid reduce evaporation and minimize edge effects
- Single position lid reduces misplacement and the risk of contamination
- Designed with alphanumeric code for easy well identification

| Description         | Format  | Well Vol. | Unit            | Cat. No.         |
|---------------------|---------|-----------|-----------------|------------------|
| Cell Culture Plates | 6-Well  | 17.0 mL   | 1/Pack-100/Case | <b>10062-892</b> |
| Cell Culture Plates | 96-Well | 0.39 mL   | 1/Pack-100/Case | <b>10062-900</b> |

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## VWR® Standard Line Roller Bottles

- Surface treated
- Caps feature large knurls for easy grip
- Bottle surface is smooth and free from striation to maximize usable growth area
- Sterilized; non-pyrogenic
- Temp. range: -20 to 50°C (-4 to 122°F)

**NEW!**

| Description                | Vol. | Cap Type  | Culture Area        | Packaging      | Cat. No.         |
|----------------------------|------|-----------|---------------------|----------------|------------------|
| Roller Bottles             | 2 L  | Plug Seal | 850cm <sup>2</sup>  | 20/Bag-20/Case | <b>10769-796</b> |
| Roller Bottles, Rib Design | 2 L  | Plug Seal | 1900cm <sup>2</sup> | 5/Bag-40/Case  | <b>10769-802</b> |

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## VWR® Cell Scrapers

- Cross-ribbed handle in ABS provides a greater rigidity and ensures a better control while scraping cells
- Thin, flexible TPE blade prevents damage to cells
- Individually wrapped
- Sterilized; non-pyrogenic

| Description                                     | Blade Width | Overall Length | Unit            | Cat. No.         |
|-------------------------------------------------|-------------|----------------|-----------------|------------------|
| Cell Scrapers for Flasks                        | 20mm        | 250mm          | 1/Pack-100/Case | <b>10062-904</b> |
| Cell Scrapers for Dishes, Lifter Blade Position | 20mm        | 250mm          | 1/Pack-100/Case | <b>10062-906</b> |

## VWR® Tissue Culture Plate Inserts Polycarbonate (PC) Membrane & Polyester (PET) Membrane, Standard Line

- Temperature range: -20 to 50°C (-4 to 122°F)
- Available in individual recyclable PET packaging
- Inserts are not autoclavable
- Non-pyrogenic

| Description                    | No. of Wells | Growth Area         | Pore Size | Unit              | Cat. No.         |
|--------------------------------|--------------|---------------------|-----------|-------------------|------------------|
| TC Plate Inserts, PC Membrane  | 24           | 0.33cm <sup>2</sup> | 8.0µm     | 12/Plates-48/Case | <b>10769-234</b> |
| TC Plate Inserts, PET Membrane | 12           | 1.12cm <sup>2</sup> | 8.0µm     | 12/Plates-48/Case | <b>10769-218</b> |

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## CELL CULTURE

### VWR® Vacuum Filtration Systems

- For the preparation of buffers, tissue culture media, microbiological media, and other biological fluids
- Feature Pall membranes
- Compatible with the quick-connect vacuum pedestal, vacuum adapter, and cradle ring for use with existing laboratory stands



| Description                              | Volume  | Pore Size & Membrane | Unit                     | Cat. No.         |
|------------------------------------------|---------|----------------------|--------------------------|------------------|
| <b>Bottle-Top Filtration Systems</b>     |         |                      |                          |                  |
| Full Assembly, Bottle-Top                | 250 mL  | 0.2 µm PES           | 12/Case<br>Pallet of 288 | <b>97066-200</b> |
| Full Assembly, Bottle-Top                | 500 mL  | 0.2 µm PES           | 12/Case<br>Pallet of 288 | <b>97066-202</b> |
| Full Assembly, Bottle-Top                | 1 Liter | 0.2 µm PES           | 12/Case<br>Pallet of 144 | <b>97066-204</b> |
| Full Assembly, Bottle-Top                | 250 mL  | 0.45 µm PES          | 12/Case<br>Pallet of 288 | <b>97066-206</b> |
| Full Assembly, Bottle-Top                | 500 mL  | 0.45 µm PES          | 12/Case<br>Pallet of 288 | <b>97066-208</b> |
| Full Assembly, Bottle-Top                | 1 Liter | 0.45 µm PES          | 12/Case<br>Pallet of 144 | <b>97066-210</b> |
| Funnel Only, Bottle-Top                  | 250 mL  | 0.2 µm PES           | 24/Case<br>Pallet of 576 | <b>97066-212</b> |
| Funnel Only, Bottle-Top                  | 500 mL  | 0.2 µm PES           | 24/Case<br>Pallet of 576 | <b>97066-214</b> |
| Funnel Only, Bottle-Top                  | 1 Liter | 0.2 µm PES           | 24/Case<br>Pallet of 288 | <b>97066-216</b> |
| <b>Centrifuge Top Filtration Systems</b> |         |                      |                          |                  |
| Full Assembly, Centrifuge Top            | 15 mL   | 0.2 µm PES           | 24/Case                  | <b>89220-716</b> |
| Full Assembly, Centrifuge Top            | 50 mL   | 0.2 µm PES           | 24/Case                  | <b>89220-710</b> |
| Full Assembly, Centrifuge Top            | 50 mL   | 0.45 µm PES          | 24/Case                  | <b>89220-712</b> |
| Funnel Only, Centrifuge Tube             | 50 mL   | 0.2 µm PES           | 48/Case                  | <b>89220-722</b> |

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### VWR® Vacuum Filtration Systems, Standard Line

- Each individual unit is lot numbered for traceability
- Once filtration is complete, solution can be stored in the collection reservoir until needed



| Description                | Capacity | Membrane Diameter | Pore Size | Unit    | Cat. No.         |
|----------------------------|----------|-------------------|-----------|---------|------------------|
| Complete Filtration System | 500 mL   | 75mm              | 0.20 µm   | 12/Case | <b>10040-436</b> |

### VWR® Syringe Filters

- Manufacturing process certified to ISO 9001
- Biosafe according to Class VI plastics tests

\* (Retains 107 Brevundimonas diminuta per cm<sup>2</sup> according to modified ASTM F838-83)



| Description     | Dia. | Membrane Material | Pore Size | Sterility  | Unit     | Cat. No.         |
|-----------------|------|-------------------|-----------|------------|----------|------------------|
| Acrylic Housing | 25mm | Cellulose Acetate | 0.45 µm   | Sterile    | 50/Case  | <b>28145-481</b> |
| Acrylic Housing | 25mm | Polyethersulfone  | 0.2 µm*   | Sterile    | 50/Case  | <b>28145-501</b> |
| Acrylic Housing | 25mm | Polyethersulfone  | 0.45 µm   | Nonsterile | 100/Case | <b>28145-503</b> |
| PP Housing      | 25mm | Nylon             | 0.2 µm    | Nonsterile | 100/Case | <b>28145-487</b> |
| PP Housing      | 25mm | Nylon             | 0.45 µm   | Nonsterile | 100/Case | <b>28145-489</b> |
| PP Housing      | 25mm | PTFE              | 0.45 µm   | Nonsterile | 100/Case | <b>28145-497</b> |

### VWR® Cell Strainers

- Fit into most 50 mL conical tubes
- Individually packaged
- DNase- and RNase-free, Non-pyrogenic



**NEW!**

| Description    | Color  | Pore Size | Sterility | Unit           | Cat. No.         |
|----------------|--------|-----------|-----------|----------------|------------------|
| Cell Strainers | Blue   | 40 µm     | Sterile   | 1/Pack-50/Case | <b>10199-654</b> |
| Cell Strainers | White  | 70 µm     | Sterile   | 1/Pack-50/Case | <b>10199-656</b> |
| Cell Strainers | Yellow | 100 µm    | Sterile   | 1/Pack-50/Case | <b>10199-658</b> |

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## Powerpette® Pro Pipet Filler

- Comfortable, ergonomic design for extended use
- Equipped with powerful and quiet motor
- Multiple operation modes enable a wide variety of liquid handling applications



| Description                  | Cat. No.  |
|------------------------------|-----------|
| Powerpette® Pro Pipet Filler | 89127-140 |

## VWR® Serological Pipets

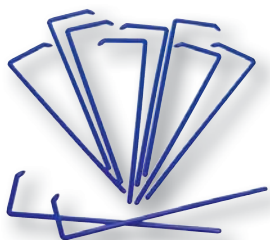


- Calibrated to deliver
- Color-coded for quick identification
- Equipped with ascending, descending, and negative graduations
- Sterile

| Description        | Capacity | Color Code | Packaging      | Unit      | Cat. No.  |
|--------------------|----------|------------|----------------|-----------|-----------|
| Serological Pipets | 1 mL     | Yellow     | Indiv. Wrapped | 1000/Case | 89130-892 |
| Serological Pipets | 2 mL     | Green      | Indiv. Wrapped | 500/Case  | 89130-894 |
| Serological Pipets | 5 mL     | Blue       | Indiv. Wrapped | 200/Case  | 89130-896 |
| Serological Pipets | 10 mL    | Orange     | Bulk           | 500/Case  | 89130-910 |
| Serological Pipets | 10 mL    | Orange     | Indiv. Wrapped | 200/Case  | 89130-898 |
| Serological Pipets | 25 mL    | Red        | Indiv. Wrapped | 200/Case  | 89130-900 |
| Serological Pipets | 50 mL    | Purple     | Indiv. Wrapped | 100/Case  | 89130-902 |

## VWR® Cell Spreaders

- Disposable spreaders are designed to spread bacterial cell cultures evenly
- L-shape allows application to the entire petri dish or plate surface
- Polypropylene



| Description    | Color | Sterility | Unit            | Cat. No.  |
|----------------|-------|-----------|-----------------|-----------|
| Cell Spreaders | Blue  | Sterile   | 10/Bag-500/Case | 89042-018 |

## VWR® Bacti Cell Spreaders

Convenient and economical cell spreaders are designed to simplify bacterial culture work. Durable enough to be autoclaved and reused.



| Description          | Color  | Blade Width | Overall Length | Sterility  | Unit             | Cat. No.  |
|----------------------|--------|-------------|----------------|------------|------------------|-----------|
| Bacti Cell Spreaders | Blue   | 3.0cm       | 21.5cm         | Sterile    | 25/Pack 100/Case | 60828-682 |
| Bacti Cell Spreaders | Yellow | 6.0cm       | 24.0cm         | Nonsterile | 25/Pack 100/Case | 60828-684 |
| Bacti Cell Spreaders | Yellow | 6.0cm       | 24.0cm         | Sterile    | 25/Pack 100/Case | 60828-688 |

## VWR® Erlenmeyer Polycarbonate Flasks

- Ideal for use in all aerobic/anaerobic suspension cultures
- Chemically inert and non-leaching
- 0.22µm PTFE Membrane with Vented Caps
- Wide temperature tolerance
- Molded-in graduations
- Re-autoclavable
- Certified pyrogen- and DNase/RNase-free



| Description          | Volume, Base     | Cap Style, Size | Sterility | Unit           | Cat. No.  |
|----------------------|------------------|-----------------|-----------|----------------|-----------|
| Polycarbonate Flasks | 125 mL, Flat     | Standard, 33    | Sterile   | 50/Case        | 89095-260 |
| Polycarbonate Flasks | 125 mL, Flat     | Vented, 33      | Sterile   | 50/Case        | 89095-258 |
| Polycarbonate Flasks | 125 mL, Baffled  | Vented, 33      | Sterile   | 50/Case        | 89095-262 |
| Polycarbonate Flasks | 250 mL, Flat     | Standard, 38    | Sterile   | 50/Case        | 89095-268 |
| Polycarbonate Flasks | 250 mL, Flat     | Vented, 38      | Sterile   | 50/Case        | 89095-266 |
| Polycarbonate Flasks | 250 mL, Baffled  | Vented, 38      | Sterile   | 50/Case        | 89095-270 |
| Polycarbonate Flasks | 500 mL, Flat     | Standard, 43    | Sterile   | 25/Case        | 89095-276 |
| Polycarbonate Flasks | 500 mL, Flat     | Vented, 43      | Sterile   | 25/Case        | 89095-274 |
| Polycarbonate Flasks | 500 mL, Baffled  | Vented, 43      | Sterile   | 25/Case        | 89095-278 |
| Polycarbonate Flasks | 1000 mL, Flat    | Standard, 43    | Sterile   | 25/Case        | 89095-284 |
| Polycarbonate Flasks | 1000 mL, Flat    | Vented, 43      | Sterile   | 25/Case        | 89095-282 |
| Polycarbonate Flasks | 1000 mL, Baffled | Vented, 43      | Sterile   | 25/Case        | 89095-286 |
| Polycarbonate Flasks | 2000 mL, Flat    | Vented, 53B     | Sterile   | 6/Pack 24/Case | 10126-438 |
| Polycarbonate Flasks | 2000 mL, Baffled | Vented, 53B     | Sterile   | 6/Pack 24/Case | 10126-408 |
| Polycarbonate Flasks | 3000 mL, Flat    | Vented, 69B     | Sterile   | 3/Pack 12/Case | 10126-410 |
| Polycarbonate Flasks | 3000 mL, Baffled | Vented, 69B     | Sterile   | 3/Pack 12/Case | 10126-412 |

## VWR® Disposable Petri Dishes

- Ideal for all types of culturing where accurate bacterial count or microscopic examination is required
- Optically clear for easy reading
- Venting ribs for free air circulation
- Consistently flat bottoms
- Virgin crystal grade polystyrene



| Description                   | Dia. x H   | Sterility | Unit            | Cat. No.  |
|-------------------------------|------------|-----------|-----------------|-----------|
| <b>Mono Petri Dishes</b>      |            |           |                 |           |
| Fully Stackable               | 60 x 15mm  | Sterile   | 20/Bag-500/Case | 25384-092 |
| Semi-Stackable                | 60 x 15mm  | Sterile   | 20/Bag-500/Case | 25384-090 |
| <b>Mono Petri Dishes</b>      |            |           |                 |           |
| Semi-Stackable                | 100 x 15mm | Sterile   | 20/Bag-500/Case | 25384-088 |
| Slippable for Automation      | 100 x 15mm | Sterile   | 20/Bag-500/Case | 25384-302 |
| Stackable for Automation      | 100 x 15mm | Sterile   | 24/Bag-500/Case | 25384-094 |
| Fully Stackable               | 100 x 15mm | Sterile   | 20/Bag-500/Case | 25384-342 |
| Fully Stackable with ISO Mark | 100 x 15mm | Sterile   | 600/Case        | 89038-968 |
| <b>Specialty Petri Dishes</b> |            |           |                 |           |
| Jumbo Style, Slippable        | 150 x 15mm | Sterile   | 20/Bag-100/Case | 25384-326 |



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- HistoChoice®
- Antibiotics, Reagents, Buffers, and more



### VWR AMRESKO Life Science Chemicals

| Description                              | Size    | Cat. No.   |
|------------------------------------------|---------|------------|
| A.C.E.™ Water, Sequencing Grade          | 100 mL  | 97063-616  |
|                                          | 4 Liter | 97063-620  |
| Agar, Bacteriological Grade              | 1 kg    | 97064-332  |
| Agarose I™                               | 500 g   | 97062-250  |
| Agarose II™                              | 25 g    | 97062-400  |
|                                          | 100 g   | 97062-396  |
| Agarose 3:1 HRB™                         | 25 g    | 97062-988  |
|                                          | 100 g   | 97062-984  |
| Agarose RA™                              | 25 g    | 97064-256  |
|                                          | 500 g   | 97064-258  |
| Calcium Chloride, 1M Solution            | 500 mL  | 97062-822  |
| DNA MW Marker, 100bp Ladder              | 250 µL  | 97063-488  |
| DNA MW Marker, 1kb Ladder                | 500 µL  | 97063-490  |
| Ethanol, 70%                             | 4 Liter | 97065-058* |
| Ethanol, Anhydrous, Denatured            | 4 Liter | 97064-490* |
| IPTG, Dioxane-Free, Powder               | 100 g   | 97061-776  |
|                                          | 10 g    | 97061-778  |
| LB Agar Lennox Formulation, Ready-Pack™  | 10/Pack | 97063-558  |
| LB Agar Miller Formulation               | 1 kg    | 97064-106  |
| LB Broth Lennox Formulation, Ready-Pack™ | 10/Pack | 97063-554  |
| LB Broth Miller Formulation              | 1 kg    | 97064-110  |
|                                          | 2 kg    | 97064-112  |

\*Products not available in Canada

| Description                               | Size      | Cat. No.  |
|-------------------------------------------|-----------|-----------|
| LB Broth Miller Formulation, Ready-Pack™  | 10/Pack   | 97064-108 |
| Magnesium Chloride, 1M Solution           | 500 mL    | 97062-850 |
| Peptone                                   | 1 kg      | 97063-324 |
| Riboreserve™ RNA Storage Solution         | 50 mL     | 97063-260 |
| Sodium Chloride, High Purity Grade        | 5 kg      | 97063-368 |
| Sodium Dodecyl Sulfate 20% (SDS) Solution | 200 mL    | 97062-440 |
| SSC Buffer, 20X Ready-Pack™               | 2/Pack    | 97062-382 |
| SSPE Buffer, 20X Solution                 | 4 Liter   | 97062-394 |
| Terrific Broth, Powder                    | 100 g     | 97063-416 |
|                                           | 500 g     | 97063-418 |
| TRIS-Borate-EDTA Buffer                   | 1 Liter   | 97062-118 |
| TRIS-EDTA Buffer                          | 500 mL    | 97062-626 |
| 50X TRIS-Acetate-EDTA Buffer              | 1.6 Liter | 97063-692 |
| TRIS, 1.0M Solution, pH 7.5, Sterile      | 500 mL    | 97062-936 |
| Tryptone (Casein), Powder                 | 1 kg      | 97063-388 |
| Water, Nuclease-Free, Sterile             | 1 Liter   | 97062-792 |
|                                           | 100 mL    | 97062-790 |
|                                           | 500 mL    | 97062-794 |
| X-Gal, Powder                             | 1 g       | 97061-648 |
| Yeast Extract, Bacteriological Grade      | 1 kg      | 97064-372 |
|                                           | 10 kg     | 97064-370 |
| Yeast Media, YPD Broth                    | 100 g     | 97063-444 |

## VWR® PCR Plate Spinner

- Equipped with a dual position vertical rotor that accepts a wide variety of PCR plates
- 96-well, 384-well, skirted and non skirted plates are all compatible
- Rotor features integral plate guides, ensuring that plates stay vertical and do not tip inside the rotor

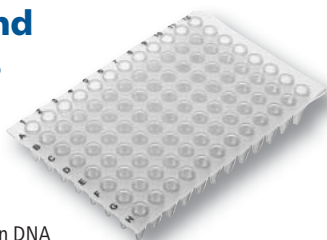
|            |                                            |
|------------|--------------------------------------------|
| Capacity   | 2 PCR Plates                               |
| Dimensions | 19.1 x 20.8 x 18.3cm<br>(7 ½ x 8 ½ x 7 ½") |
| Electrical | 120V                                       |
| Weight     | 2.7 Kg (6 lbs.)                            |



| Description       | Cat. No.  |
|-------------------|-----------|
| PCR Plate Spinner | 89184-608 |

## VWR® 96-Well PCR and Real Time PCR Plates

- Wells are slightly raised to accommodate sealing mats, films, and foil
- Compatible with most thermal cyclers
- Polypropylene PCR Plates
- Certified free of RNase, DNase, and human DNA



| Description                 | Color   | Unit                | Cat. No.  |
|-----------------------------|---------|---------------------|-----------|
| 96-Well Flat Plates         | Natural | 10/Pack<br>100/Case | 82006-636 |
| 96-Well Flat Plates         | Purple  | 10/Pack<br>100/Case | 82006-644 |
| 96-Well Raised Lip Plates   | Natural | 10/Pack<br>100/Case | 93001-100 |
| 96-Well Skirted Plates      | Natural | 10/Pack<br>100/Case | 82006-704 |
| 96-Well Skirted Plates      | Blue    | 10/Pack<br>100/Case | 82006-706 |
| 96-Well Skirted Plates      | Green   | 10/Pack<br>100/Case | 82006-708 |
| 96-Well Half-Skirted Plates | White   | 10/Pack<br>100/Case | 83009-676 |
| <b>Sealing Mat</b>          |         |                     |           |
| Silicone Sealing Mat        | Natural | 5/Pack<br>50/Case   | 82006-692 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® PCR 8-Well Tube Strips and Caps

- Polypropylene
- Chemically inert and autoclavable
- Compatible with most popular thermal cycler blocks
- Smooth, thin, uniform walls for accurate thermal transfer
- Certified free of RNase, DNase, and human DNA



| Description                                                                    | Cap Type    | Color   | Unit                  | Cat. No.  |
|--------------------------------------------------------------------------------|-------------|---------|-----------------------|-----------|
| Tube Strips with Separate Bubble Cap Strips                                    | Domed       | Natural | 125/Pack<br>1250/Case | 20170-004 |
| Tube Strips with Individually Attached Bubble Caps                             | Domed       | Natural | 120/Pack<br>1200/Case | 53509-304 |
| Low-Profile Tube Strips for Real Time PCR with Individually Attached Flat Caps | Flat (qPCR) | Natural | 120/Pack<br>1200/Case | 93001-120 |

## VWR® PCR Sealing Film

- Clear polypropylene
- Matches the SBS standard
- Special adhesive works at room temperature to seal plates
- Temperature range: -40 to 125°C



| Description      | Sterility  | Unit                  | Cat. No.  |
|------------------|------------|-----------------------|-----------|
| PCR Sealing Film | Nonsterile | 100/Pack<br>1200/Case | 82018-844 |

## VWR® Polyolefin Sealing Film with Silicone Adhesive for qPCR, Storage, and Protein Crystallization

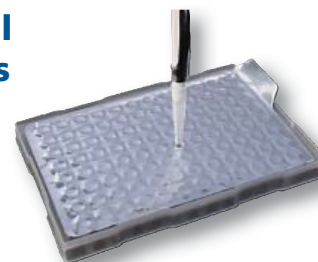
- Strongest available seal for evaporation control Non-tacky, pressure activated adhesive
- Fit both standard flat-top and raised-rim plates DMSO-resistant for HTS and chemically inert
- Temperature Range: -70 to 100°C



| Description             | Sterility  | Unit     | Cat. No.  |
|-------------------------|------------|----------|-----------|
| Polyolefin Sealing Film | Nonsterile | 100/Case | 89134-428 |

## VWR® Aluminum Foil for Raised-rim Plates

- Pierceable foils fit inside the rim of raised-rim plates
- Features one partial-width end tab with no perforation
- Temperature Range: -80 to 120°C



| Description   | Sterility  | Unit     | Cat. No.  |
|---------------|------------|----------|-----------|
| Aluminum Foil | Nonsterile | 100/Case | 60941-126 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Plate Paddles

- An alternative to the plate roller
- Recommended for sealing films on raised rim plates



| Description   | Material | Unit              | Cat. No.  |
|---------------|----------|-------------------|-----------|
| Plate Paddles | Plastic  | 5/Pack<br>50/Case | 60941-128 |

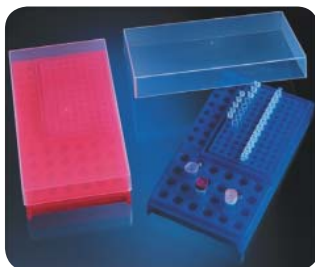
## VWR® 96-Well PCR Storage Racks

- Ideal for storing samples before cycling or working with completed procedures
- Autoclavable and freezable
- Polypropylene

| Description                                | Unit   | Cat. No.  |
|--------------------------------------------|--------|-----------|
| 96-Well PCR Storage Racks with Snap on Lid | 5/Pack | 83009-690 |

## VWR® PCR Workstation and Storage Box

- Features a removable 96-well prep rack that holds a plate, 0.2 mL tubes, or 0.2 mL tube strips
- Includes a clear lid
- Autoclavable
- Freezable to -90°C (-130°F)



| Description                                                 | Unit                | Cat. No.  |
|-------------------------------------------------------------|---------------------|-----------|
| PCR Workstation (1 each - red, orange, yellow, blue, green) | 5/Pack              | 16466-026 |
| PCR Storage Box                                             | 12/Pack<br>120/Case | 24270-206 |

## VWR AMRESCO Life Science TAQ DNA Polymerase



- Amplify DNA templates with high sensitivity
- Amplify single copy & low abundance templates
- Nuclease-free, high-purity reagents
- Includes: Taq DNA Polymerase, 500 U DFS Taq Buffer, 1X, 1 mL

| Description        | Size  | Unit   | Cat. No.  |
|--------------------|-------|--------|-----------|
| TAQ DNA Polymerase | 500 U | 1/Pack | 97064-160 |

## VWR AMRESCO Life Science Lyophilized Ready PCR Mix, 2X



- Eliminates ethidium bromide hazards
- Streamlines PCR sample handling and processing
- Increases ready mix stability and room temperature storage
- Includes: All reagents except template and primer DNA
- Sufficient material for 100 assays

| Description                   | Size    | Unit   | Cat. No.  |
|-------------------------------|---------|--------|-----------|
| Lyophilized Ready PCR Mix, 2X | 2 Vials | 1/Pack | 97068-170 |

## VWR® Midi Plus 15 Horizontal Electrophoresis System



- Quick and easy loading
- Molded with thick acrylic for leakproof performance
- Trays are UV transparent
- Dims. (WxLxH): 17.5 x 26.5 x 9cm (6 7/8 x 10 7/16 x 3 17/36")

Supplied with one 15 x 15cm gel tray; one 16-tooth, 1.5mm thick comb; one 20-tooth, 1.5mm thick comb; one 28-tooth, 1.5mm thick comb; casting dams; and well visualization strips.

| Description                                                     | Max. Capacity | Buffer Vol. | Cat. No.  |
|-----------------------------------------------------------------|---------------|-------------|-----------|
| Midi Plus 15 Electrophoresis System                             | 210 Samples   | 500 mL      | 89032-296 |
| <b>Accessory</b>                                                |               |             |           |
| 1.5mm x 18-Tooth Comb for Multi-Channel Pipettor Loading        |               |             | 89031-016 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |               |             |           |

## VWR® Benchtop PCR Cryogenic Rack

Benchtop rack allows frozen PCR samples to be worked with for up to four hours at 0°C (32°F). The refreezable rack holds 0.2 mL tubes, strips, and plates. As the rack warms, the color of the chilling surface changes from purple to pink to indicate when the samples need to be returned to the freezer. Rack is constructed of polypropylene and polygel and includes a snap-on lid.



| Description                 | Unit              | Cat. No.  |
|-----------------------------|-------------------|-----------|
| Benchtop PCR Cryogenic Rack | 2/Pack<br>10/Case | 89004-570 |

## VWR AMRESCO Life Science dNTPs



- High purity grade
- Building blocks for the amplification of DNA

| Description               | Size     | Concentration | Unit   | Cat. No.  |
|---------------------------|----------|---------------|--------|-----------|
| Ready-to-Use dNTP Mixture | 40 UMOLE | 25 mM         | 1/Pack | 97062-924 |
| dNTP Mixture              | 0.5 mL   | 10 mM         | 1/Pack | 97063-232 |
| dNTP Set                  | Kit      | 25 mM         | 1/Pack | 97063-552 |

## VWR AMRESCO Life Science Hot Start Taq Master Mix, 2X



Hot Start Taq Master Mix, 2X is a ready-to-use reaction cocktail that contains all required components, except primers and template DNA, for routine PCR amplification of DNA fragments up to 4 kb. The included Taq DNA polymerase is inactivated with proprietary monoclonal antibodies. Incubation at ≥ 94°C during PCR thermal cycling irreversibly denatures the antibody.

| Description                      | Size         | Application                        | Unit   | Cat. No.  |
|----------------------------------|--------------|------------------------------------|--------|-----------|
| Hot Start Taq PCR Master Mix, 2X | 2 x 1.25 mL  | Sufficient material for 100 assays | 1/Pack | 97068-140 |
| Hot Start Taq PCR Master Mix, 2X | 10 x 1.25 mL | Sufficient material for 500 assays | 1/Pack | 97068-142 |

## VWR® Power Supplies

- Ideal for DNA, RNA and protein separations; isoelectric focusing; and blotting applications
- Timer: 1 to 999 min.
- Stackable to save space
- Designed with safety in mind
- Dims. (WxHxD): 19 x 25 x 8cm



|                                                |                             |
|------------------------------------------------|-----------------------------|
| <b>Output Current / Power / Voltage Range:</b> | 4-500mA / 90W max. / 2-300V |
|------------------------------------------------|-----------------------------|

| Description                                                     | Model | Cat. No.  |
|-----------------------------------------------------------------|-------|-----------|
| Power Supply, 300V, 90W, 500mA                                  | 302   | 93000-744 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |       |           |

## VWR® Electronic Pipettors, Variable Volume

- Ease-of-use: Only 2 buttons and 5 pipetting modes, including the CUSTOM Mode which creates pipetting protocols easily and rapidly
- Advanced Ergonomics: Lightweight and perfectly balanced, it requires virtually no force to significantly reduce RSI
- Fully Motorized Piston Drive: For an even and regular sample delivery across each channel
- Large Volume Range: 4 single channels (from 0.5 µL to 1200 µL) and 8 multichannels (from 0.5 µL to 1200 µL)
- Use while Charging: VWR® Electronic Pipettors can be used while charging without compromising performance
- VWR® 2-year warranty



| Description                        | Volume    | Color       | Accuracy                           | Increments | Precision                          | Cat. No.  |
|------------------------------------|-----------|-------------|------------------------------------|------------|------------------------------------|-----------|
| Single Channel Electronic Pipettor | 2-20 µL   | Pale Yellow | ±4.13% at 2 µL / ±0.83% at 20 µL   | 0.01 µL    | ≤1.38% at 2 µL / ≤0.28% at 20 µL   | 10827-918 |
| 8-Channel Electronic Pipettor      | 1-20 µL   | Pale Yellow | ±8.8% at 1 µL / ±1.38% at 20 µL    | 0.01 µL    | ≤5.5% at 1 µL / ≤0.66% at 20 µL    | 10827-926 |
| 8-Channel Electronic Pipettor      | 10-300 µL | Green       | ±3.67% at 30 µL / ±0.88% at 300 µL | 0.1 µL     | ≤0.66% at 30 µL / ≤0.17% at 300 µL | 10827-928 |
| 12-Channel Electronic Pipettor     | 1-20 µL   | Pale Yellow | ±8.8% at 1 µL / ±1.38% at 20 µL    | 0.01 µL    | ≤5.5% at 1 µL / ≤0.66% at 20 µL    | 10827-934 |
| <b>Accessories</b>                 |           |             |                                    |            |                                    |           |
| VWR® Carousel Pipettor Stand       |           |             |                                    |            |                                    | 10827-940 |
| VWR® Charging Stand Adapter        |           |             |                                    |            |                                    | 10827-942 |

## VWR Signature™ Ergonomic High Performance Single-Channel Pipettors, Variable Volume

- Superior accuracy and precision
- Significantly reduced plunger forces
- Volume ranges from 0.2 µL to 10 mL
- Fully autoclavable



\***Standard Starter Kit** includes three pipettors with tip ejectors (2-20 µL, 20-200 µL, and 100-1000 µL), two racks of VWR Signature pipet tips, and a three-position shelf clip

\*\***Promotional Pack** includes four pipettors with tip ejectors (0.5-10 µL, 2-20 µL, 20-200 µL, and 100-1000 µL), three racks of Axygen pipet tips, and a six-position linear stand

| Description                               | Volume       | Accuracy  | Precision   | Cat. No.  |
|-------------------------------------------|--------------|-----------|-------------|-----------|
| Pipettor with Tip Ejector                 | 0.5-10 µL    | ±1.2-0.6% | ≤2.8-0.4%   | 89079-962 |
| Pipettor with Tip Ejector                 | 20-200 µL    | ±2.5-0.5% | ≤0.6-0.2%   | 89079-970 |
| Pipettor with Tip Ejector                 | 100-1000 µL  | ±0.9-0.6% | ≤0.4-0.15%  | 89079-974 |
| Pipettor with Tip Ejector                 | 1000-5000 µL | ±0.6-0.5% | ≤0.25-0.15% | 89079-976 |
| <b>Multi-Channel Pipettor</b>             |              |           |             |           |
| 8-Channel Pipettor                        | 20-200 µL    | ±2.0-1.0% | ≤1.5-0.8%   | 89079-948 |
| <b>Starter Kit &amp; Promotional Pack</b> |              |           |             |           |
| Standard Starter Kit*                     |              |           |             | 89080-000 |
| Promotional Pack**                        |              |           |             | 89080-004 |
| <b>Accessory</b>                          |              |           |             |           |
| Carousel Stand for 6 Pipettors            |              |           |             | 40000-270 |

## VWR® Multi-Channel, Ultra High Performance Pipettors, Variable Volume

- Ergonomic, comfortable, and extremely lightweight
- Superior accuracy and precision
- Four-digit volume dial for precision control
- Universal tip fitting with adjustable tip ejector



\***Starter Kit** includes one pipettor of each size (0.5-10 µL, 2-20 µL, 20-200 µL and 100-1,000 µL), 4-place linear pipettor stand and 3 racks of corresponding VWR® starter tips (10 µL, 200 µL, 1,000 µL)

| Description                                  | Volume      | Accuracy  | Precision  | Cat. No.  |
|----------------------------------------------|-------------|-----------|------------|-----------|
| Single-Channel Pipettor                      | 20-200 µL   | ±1.2-0.6% | ≤0.6-0.2%  | 89130-562 |
| Single-Channel Pipettor                      | 100-1000 µL | ±0.9-0.6% | ≤0.4-0.15% | 89130-566 |
| <b>Multi-Channel Pipettor</b>                |             |           |            |           |
| 8-Channel Pipettor                           | 5-50 µL     | ±4.0-1.6% | ≤4.0-1.6%  | 89079-946 |
| 8-Channel Pipettor                           | 20-200 µL   | ±2.0-1.0% | ≤1.5-0.8%  | 89079-948 |
| 12-Channel Pipettor                          | 5-50 µL     | ±4.0-1.6% | ≤4.0-1.6%  | 89079-954 |
| 12-Channel Pipettor                          | 20-200 µL   | ±2.0-1.0% | ≤1.5-0.8%  | 89079-956 |
| <b>Starter Kit</b>                           |             |           |            |           |
| Ultra-High Performance Pipettor Starter Kit* |             |           |            | 89133-288 |

## ISO 17025 Pipettor Calibration Mail-In Service for all Pipettor Brands

- Customers receive a specially designed protective box to ship the instrument to the certified calibration laboratory along with a work order form and a pre-paid return shipping label
- Upon receipt at the laboratory, the instrument will be inspected for any defects and the performance of the instrument will be compared to certified standards
- After recalibration, the calibration report and instrument will be carefully repacked and returned with standard ground shipping
- Service only, pipettor not included

| Description                                                                                      | Details                                                                                                      | Cat. No.  |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| Standard ISO/IEC 17025 Pipettor Calibration Service for Single-Channel Pipettors                 | Standard Calibration for 1 Single-Channel Pipettor, with a Lead Time of 3 Business Days or Less Upon Receipt | 10813-604 |
| Standard ISO/IEC 17025 Pipettor Calibration Service for Multi-Channel (8 & 12 Channel) Pipettors | Standard Calibration for 1 Multi-Channel Pipettor, with a Lead Time of 3 Business Days or Less Upon Receipt  | 10813-606 |



## VWR® Aerosol Barrier Pipet Tips, Standard Line

- Standard Line Pipet Tips utilize the industry standard in aerosol barrier technology
- Certified free of contaminants for the most sensitive laboratory protocols



**NEW!**

| Description          | Volume   | Packaging | Sterility | Unit                  | Cat. No.         |
|----------------------|----------|-----------|-----------|-----------------------|------------------|
| Aerosol Barrier Tips | 10 µL    | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-072</b> |
| Aerosol Barrier Tips | 10 µL XL | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-074</b> |
| Aerosol Barrier Tips | 200 µL   | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-100</b> |
| Aerosol Barrier Tips | 1000 µL  | Racked    | Sterile   | 768/Pack<br>3840/Case | <b>10017-102</b> |
| Aerosol Barrier Tips | 1250 µL  | Racked    | Sterile   | 768/Pack<br>3840/Case | <b>10017-104</b> |

## VWR® Aerosol Barrier, Low Retention Pipet Tips, Standard Line

- Tip: Repels liquids, drastically reducing sample hold-up.
- Rack: Translucent packaging for easy visualization of tips
  - » Built with stability for ease of use when multi-channel pipetting
  - » Back hinge makes it easy to open and close with one hand
  - » Certified free of contaminants for the most sensitive laboratory protocols

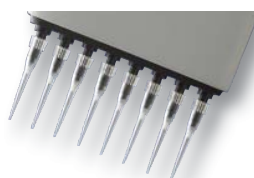


**NEW!**

| Description                        | Volume   | Packaging | Sterility | Unit                  | Cat. No.         |
|------------------------------------|----------|-----------|-----------|-----------------------|------------------|
| Aerosol Barrier Low Retention Tips | 10 µL    | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-060</b> |
| Aerosol Barrier Low Retention Tips | 10 µL XL | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-062</b> |
| Aerosol Barrier Low Retention Tips | 20 µL    | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-064</b> |
| Aerosol Barrier Low Retention Tips | 100 µL   | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-066</b> |
| Aerosol Barrier Low Retention Tips | 200 µL   | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-068</b> |
| Aerosol Barrier Low Retention Tips | 300 µL   | Racked    | Sterile   | 960/Pack<br>4800/Case | <b>10017-088</b> |
| Aerosol Barrier Low Retention Tips | 1000 µL  | Racked    | Sterile   | 768/Pack<br>3840/Case | <b>10017-090</b> |
| Aerosol Barrier Low Retention Tips | 1250 µL  | Racked    | Sterile   | 768/Pack<br>3840/Case | <b>10017-092</b> |

## VWR® Aerosol Filter Pipet Tips

- Endotoxin-free micro porous hydrophobic filter
- Sterilized by gamma irradiation
- Certified free of RNase, DNase, and endotoxins



| Description         | Volume  | Packaging   | Sterility | Unit                     | Cat. No.         |
|---------------------|---------|-------------|-----------|--------------------------|------------------|
| Aerosol Filter Tips | 10 µL   | Hinged Rack | Sterile   | 1152/Pack<br>11,520/Case | <b>89003-044</b> |
| Aerosol Filter Tips | 100 µL  | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>89003-052</b> |
| Aerosol Filter Tips | 200 µL  | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>89003-056</b> |
| Aerosol Filter Tips | 1000 µL | Hinged Rack | Sterile   | 576/Pack<br>4608/Case    | <b>89003-060</b> |

## VWR Signature™ Low-Retention Aerosol Filter Pipet Tips

- Protection from sample carry-over
- Endotoxin-free
- Low-retention hydrophobic resin
- Autoclavable



| Description                         | Volume   | Packaging   | Sterility | Unit                     | Cat. No.         |
|-------------------------------------|----------|-------------|-----------|--------------------------|------------------|
| Signature Filter Tips Low-Retention | 10 µL    | Hinged Rack | Sterile   | 1152/Pack<br>11,520/Case | <b>89174-520</b> |
| Signature Filter Tips Low-Retention | 10 µL XL | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>89174-522</b> |
| Signature Filter Tips Low-Retention | 20 µL    | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>89174-524</b> |
| Signature Filter Tips Low-Retention | 100 µL   | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>10126-388</b> |
| Signature Filter Tips Low-Retention | 200 µL   | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>89174-526</b> |
| Signature Filter Tips Low-Retention | 1000 µL  | Hinged Rack | Sterile   | 576/Pack<br>4608/Case    | <b>89174-530</b> |

## VWR Signature™ Micro Aerosol Filter Pipet Tips

- Special high recovery polyethylene filter
- Certified RNase-, DNase-, endotoxin-, metal-, and human DNA-free
- Autoclavable at 15psi, 122°C (252°F) for 15 minutes



| Description                               | Volume          | Packaging   | Sterility | Unit                     | Cat. No.         |
|-------------------------------------------|-----------------|-------------|-----------|--------------------------|------------------|
| Micro Aerosol Filter Ultrafine Point Tips | 10 µL XL        | Hinged Rack | Sterile   | 960/Pack<br>9600/Case    | <b>46620-328</b> |
| Micro Aerosol Filter Ultrafine Point Tips | 10 µL Graduated | Hinged Rack | Sterile   | 1152/Pack<br>11,520/Case | <b>53509-138</b> |

## VWR Signature™ Filter Pipet Tips for Rainin® LTS® Pipettors

- Clear polypropylene non-filter resin
- Ultrafine points
- High molecular weight polyethylene filters
- Autoclavable



| Description                     | Volume | Packaging   | Sterility | Unit                  | Cat. No.         |
|---------------------------------|--------|-------------|-----------|-----------------------|------------------|
| LTS Filter Ultrafine Point Tips | 20 µL  | Hinged Rack | Sterile   | 960/Pack<br>9600/Case | <b>83009-688</b> |
| LTS Filter Ultrafine Point Tips | 200 µL | Hinged Rack | Sterile   | 960/Pack<br>9600/Case | <b>82003-196</b> |

## VWR Signature™ Aerosol Filter Ultrafine Point Pipet Tips

- Special high recovery polyethylene filter
- Certified RNase-, DNase-, endotoxin-, metal-, and human DNA-free
- Autoclavable at 15psi, 122°C (252°F) for 15 minutes



| Description                         | Volume  | Packaging   | Sterility | Unit                  | Cat. No.         |
|-------------------------------------|---------|-------------|-----------|-----------------------|------------------|
| Aerosol Filter Ultrafine Point Tips | 200 µL  | Hinged Rack | Sterile   | 960/Pack<br>9600/Case | <b>53510-106</b> |
| Aerosol Filter Ultrafine Point Tips | 1000 µL | Hinged Rack | Sterile   | 576/Pack<br>4608/Case | <b>16466-008</b> |

## VWR® Pipet Tips, Standard Line

- Translucent packaging for easy visualization of tips
- Built with stability for ease of use when multi-channel pipetting
- Back hinge makes it easy to open and close with one hand
- Certified free of DNA, DNase, RNase, and endotoxins (pyrogens)
- Every lot is tested for precision, assuring maximum quality and compatibility

**NEW!**

| Description   | Volume   | Packaging      | Sterility  | Unit                     | Cat. No.         |
|---------------|----------|----------------|------------|--------------------------|------------------|
| Standard Tips | 10 µL    | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-084</b> |
| Standard Tips | 10 µL XL | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-086</b> |
| Standard Tips | 200 µL   | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-034</b> |
| Standard Tips | 1000 µL  | Reload Inserts | Nonsterile | 768/Pack<br>7680/Case    | <b>10017-036</b> |
| Standard Tips | 1250 µL  | Reload Inserts | Nonsterile | 768/Pack<br>7680/Case    | <b>10017-038</b> |
| Standard Tips | 10 µL    | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-194</b> |
| Standard Tips | 10 µL XL | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-196</b> |
| Standard Tips | 200 µL   | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-198</b> |
| Standard Tips | 200 µL   | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-200</b> |
| Standard Tips | 1000 µL  | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-202</b> |
| Standard Tips | 1250 µL  | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-204</b> |
| Standard Tips | 10 µL    | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-206</b> |
| Standard Tips | 10 µL XL | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-208</b> |
| Standard Tips | 200 µL   | Rack & Stack   | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-210</b> |
| Standard Tips | 200 µL   | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-212</b> |
| Standard Tips | 1000 µL  | Racked         | Nonsterile | 768/Pack<br>3840/Case    | <b>10017-214</b> |
| Standard Tips | 1250 µL  | Racked         | Nonsterile | 768/Pack<br>3840/Case    | <b>10017-216</b> |
| Standard Tips | 10 µL    | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-218</b> |
| Standard Tips | 10 µL XL | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-220</b> |
| Standard Tips | 200 µL   | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-222</b> |
| Standard Tips | 1000 µL  | Racked         | Sterile    | 768/Pack<br>3840/Case    | <b>10017-224</b> |
| Standard Tips | 1250 µL  | Racked         | Sterile    | 768/Pack<br>3840/Case    | <b>10017-226</b> |

## VWR® Low Retention Pipet Tips, Standard Line

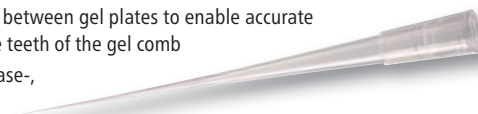
- Tip: Repels liquids, drastically reducing sample hold-up
- Rack: Translucent packaging for easy visualization of tips
  - » Built with stability for ease of use when multi-channel pipetting
  - » Back hinge makes it easy to open and close with one hand
  - » Certified free of contaminants for the most sensitive laboratory protocols

**NEW!**

| Description                 | Volume   | Packaging      | Sterility  | Unit                     | Cat. No.         |
|-----------------------------|----------|----------------|------------|--------------------------|------------------|
| Standard Tips Low Retention | 10 µL    | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-040</b> |
| Standard Tips Low Retention | 10 µL XL | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-042</b> |
| Standard Tips Low Retention | 200 µL   | Reload Inserts | Nonsterile | 960/Pack<br>9600/Case    | <b>10017-044</b> |
| Standard Tips Low Retention | 1000 µL  | Reload Inserts | Nonsterile | 768/Pack<br>7680/Case    | <b>10017-046</b> |
| Standard Tips Low Retention | 1250 µL  | Reload Inserts | Nonsterile | 768/Pack<br>7680/Case    | <b>10017-048</b> |
| Standard Tips Low Retention | 10 µL    | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-094</b> |
| Standard Tips Low Retention | 10 µL XL | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-096</b> |
| Standard Tips Low Retention | 200 µL   | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-098</b> |
| Standard Tips Low Retention | 200 µL   | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-098</b> |
| Standard Tips Low Retention | 1000 µL  | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | <b>10017-070</b> |
| Standard Tips Low Retention | 10 µL    | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-228</b> |
| Standard Tips Low Retention | 10 µL XL | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-230</b> |
| Standard Tips Low Retention | 200 µL   | Racked         | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-232</b> |
| Standard Tips Low Retention | 200 µL   | Rack & Stack   | Nonsterile | 960/Pack<br>4800/Case    | <b>10017-234</b> |
| Standard Tips Low Retention | 1000 µL  | Racked         | Nonsterile | 768/Pack<br>3840/Case    | <b>10017-028</b> |
| Standard Tips Low Retention | 1250 µL  | Racked         | Nonsterile | 768/Pack<br>3840/Case    | <b>10017-030</b> |
| Standard Tips Low Retention | 10 µL    | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-032</b> |
| Standard Tips Low Retention | 10 µL XL | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-076</b> |
| Standard Tips Low Retention | 200 µL   | Racked         | Sterile    | 960/Pack<br>4800/Case    | <b>10017-078</b> |
| Standard Tips Low Retention | 1000 µL  | Racked         | Sterile    | 768/Pack<br>3840/Case    | <b>10017-080</b> |
| Standard Tips Low Retention | 1250 µL  | Racked         | Sterile    | 768/Pack<br>3840/Case    | <b>10017-082</b> |

## VWR® Gel-Loading 200 µL Pipet Tips

- Clear autoclavable polypropylene
- Tips include long, thin capillary sections for use in nucleic acid sequencing
- The thin capillary fits between gel plates to enable accurate filling in between the teeth of the gel comb
- Certified RNase-, DNase-, and endotoxin-free



| Description      | Volume | Packaging   | Length                   | Sterility  | Unit                  | Cat. No.         |
|------------------|--------|-------------|--------------------------|------------|-----------------------|------------------|
| Gel-Loading Tips | 200 µL | Hinged Rack | 6.9cm with 3cm capillary | Nonsterile | 576/Pack<br>4608/Case | <b>37001-150</b> |

## VWR Signature™ and Standard Ultra-Micro 10 µL Pipet Tips, Graduated

- For use with most micropipettors



**NEW!**

| Description                | Vol.  | Packaging   | Sterility  | Unit                     | Cat. No.  |
|----------------------------|-------|-------------|------------|--------------------------|-----------|
| Signature Low-Binding Tips | 10 µL | Hinged Rack | Nonsterile | 1152/Pack<br>11,520/Case | 37001-158 |
| Signature Low-Binding Tips | 10 µL | Hinged Rack | Sterile    | 1152/Pack<br>11,520/Case | 37001-160 |
| Standard Tips              | 10 µL | Bulk        | Nonsterile | 1000/Pack<br>10,000/Case | 53509-070 |
| Standard Tips              | 10 µL | Hinged Rack | Nonsterile | 1152/Pack<br>11,520/Case | 53509-130 |
| Standard Tips              | 10 µL | Hinged Rack | Sterile    | 1152/Pack<br>11,520/Case | 53509-132 |

## VWR Signature™ and Standard 10 µL Extended Length Pipet Tips

- For use with most micropipettors

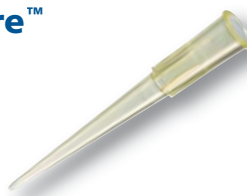


**NEW!**

| Description                | Vol.     | Packaging              | Sterility  | Unit                     | Cat. No.  |
|----------------------------|----------|------------------------|------------|--------------------------|-----------|
| Signature Low-Binding Tips | 10 µL XL | Hinged Rack            | Nonsterile | 960/Pack<br>9600/Case    | 37001-164 |
| Signature Low-Binding Tips | 10 µL XL | Bulk                   | Nonsterile | 1000/Pack<br>10,000/Case | 37001-170 |
| Signature Low-Binding Tips | 10 µL XL | Pak Rak Express Refill | Nonsterile | 1344/Pack<br>13,440/Case | 37001-168 |
| Standard Tips              | 10 µL XL | Hinged Rack            | Sterile    | 960/Pack<br>9600/Case    | 46620-318 |
| Standard Tips              | 10 µL XL | Hinged Rack            | Nonsterile | 960/Pack<br>9600/Case    | 46620-316 |
| Standard Tips              | 10 µL XL | Bulk                   | Nonsterile | 1000/Pack<br>10,000/Case | 46620-312 |

## VWR® and VWR Signature™ Bevel Point Pipet Tips

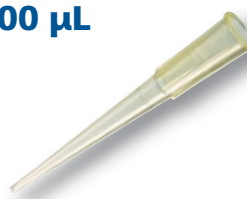
- For use with most pipettors
- Beveled ends for improved accuracy and reproducibility
- Autoclavable



| Description                | Vol.   | Packaging   | Sterility  | Unit                     | Cat. No.  |
|----------------------------|--------|-------------|------------|--------------------------|-----------|
| Signature Low-Binding Tips | 200 µL | Hinged Rack | Nonsterile | 960/Pack<br>9600/Case    | 53503-288 |
| Signature Low-Binding Tips | 200 µL | Hinged Rack | Sterile    | 960/Pack<br>9600/Case    | 53503-290 |
| Signature Low-Binding Tips | 300 µL | Bulk        | Nonsterile | 1000/Pack<br>10,000/Case | 37001-196 |
| Tips, Yellow               | 200 µL | Hinged Rack | Sterile    | 960/Pack<br>9600/Case    | 53508-794 |

## VWR® Non-Bevel Point 200 µL Pipet Tips

- Tips feature a blunt, square-cut orifice for rapid aspirating and dispensing of fluids
- Free of trace metals, DNase, and RNase
- Fully autoclavable to 122°C (252°F)



| Description            | Vol.   | Packaging | Sterility  | Unit                     | Cat. No.  |
|------------------------|--------|-----------|------------|--------------------------|-----------|
| Non-Bevel Tips, Yellow | 200 µL | Bulk      | Nonsterile | 1000/Pack<br>10,000/Case | 53503-606 |

## VWR Signature™ 200 µL Pipet Tips, Graduated

- Uniquely thin and flexible top
- Certified pure and free of human DNA, RNase, DNase, endotoxins, and heavy metals
- Autoclavable



| Description    | Vol.   | Packaging   | Sterility  | Unit                     | Cat. No.  |
|----------------|--------|-------------|------------|--------------------------|-----------|
| Signature Tips | 200 µL | Bulk        | Nonsterile | 1000/Pack<br>10,000/Case | 37001-532 |
| Signature Tips | 200 µL | Hinged Rack | Nonsterile | 960/Pack<br>9600/Case    | 37001-528 |
| Signature Tips | 200 µL | Hinged Rack | Sterile    | 960/Pack<br>9600/Case    | 37001-530 |

## VWR Signature™ 300 µL Pipet Tips

- A thin and flexible top conforms to the pipettor barrel, forming a tight seal with minimal ejection force
- Sterile tips do not feature graduations
- Certified free of human DNA, DNase, RNase, and endotoxins
- Autoclavable



| Description    | Vol.   | Packaging      | Sterility  | Unit                     | Cat. No.  |
|----------------|--------|----------------|------------|--------------------------|-----------|
| Signature Tips | 300 µL | Hinged Rack    | Sterile    | 576/Pack<br>4608/Case    | 83007-354 |
| Signature Tips | 300 µL | Hinged Rack    | Nonsterile | 576/Pack<br>4608/Case    | 83007-352 |
| Signature Tips | 300 µL | Bulk           | Nonsterile | 1000/Pack<br>10,000/Case | 83007-350 |
| Signature Tips | 300 µL | Express Refill | Nonsterile | 768/Pack<br>7680/Case    | 93000-010 |

## VWR® 1000 µL Pipet Tips, Standard

- Clear autoclavable polypropylene
- Maximum sample recovery and minimal fluid retention
- Longer, thinner tip with ultrafine point
- Free of RNase, DNase, and trace metals
- Sterile tips are endotoxin-free



**NEW!**

| Description              | Vol.    | Packaging         | Sterility  | Unit                     | Cat. No.  |
|--------------------------|---------|-------------------|------------|--------------------------|-----------|
| Standard Tips            | 1000 µL | Bulk              | Nonsterile | 1000/Pack<br>10,000/Case | 83007-376 |
| Standard Tips            | 1000 µL | Hinged Rack       | Nonsterile | 576/Pack<br>4608/Case    | 83007-378 |
| Standard Tips, Graduated | 1000 µL | Stack Rack Refill | Nonsterile | 480/Pack<br>4800/Case    | 89003-424 |
| Standard Tips, Graduated | 1000 µL | Hinged Rack       | Nonsterile | 576/Pack<br>4608/Case    | 83007-384 |
| Standard Tips, Graduated | 1000 µL | Hinged Rack       | Sterile    | 576/Pack<br>4608/Case    | 83007-386 |

## VWR Signature™ Extra Volume 1250 µL Pipet Tips

| Description                | Vol.    | Packaging   | Sterility  | Unit                     | Cat. No.  |
|----------------------------|---------|-------------|------------|--------------------------|-----------|
| Signature Low-Binding Tips | 1250 µL | Hinged Rack | Nonsterile | 576/Pack<br>4608/Case    | 37001-200 |
| Signature Low-Binding Tips | 1250 µL | Hinged Rack | Sterile    | 576/Pack<br>4608/Case    | 37001-202 |
| Signature Tips             | 1250 µL | Bulk        | Nonsterile | 1000/Pack<br>10,000/Case | 53508-922 |



## VWR® SuperClean™ Microcentrifuge Tubes

- Ultra-clear polypropylene
- Pierceable flat caps
- Side labeling surface
- Autoclavable
- Freezable to -90°C (-130°F)
- RNase-, DNase-, and Endotoxin-Free



| Description                      | Vol.    | Max. RCF   | Color    | Sterility  | Unit                     | Cat. No.  |
|----------------------------------|---------|------------|----------|------------|--------------------------|-----------|
| SuperClean Microcentrifuge Tubes | 0.65 mL | 35,000 x g | Orange   | Nonsterile | 1000/Pack<br>10,000/Case | 20170-297 |
| SuperClean Microcentrifuge Tubes | 1.7 mL  | 14,000 x g | Natural  | Nonsterile | 1000/Pack<br>10,000/Case | 20170-355 |
| SuperClean Microcentrifuge Tubes | 1.7 mL  | 14,000 x g | Assorted | Nonsterile | 1000/Pack<br>10,000/Case | 20170-369 |

## VWR® SuperSpin™ Microcentrifuge Tubes

- Polypropylene
- Pierceable flat caps
- Side labeling surface
- Autoclavable
- Freezable to -90°C (-130°F)
- RNase-, DNase-, and Endotoxin-Free



| Description                     | Vol.   | Max. RCF   | Color   | Sterility  | Unit                  | Cat. No.  |
|---------------------------------|--------|------------|---------|------------|-----------------------|-----------|
| SuperSpin Microcentrifuge Tubes | 1.5 mL | 35,000 x g | Natural | Nonsterile | 500/Pack<br>5000/Case | 20170-038 |

## VWR® Microcentrifuge Tubes

- Secure positive seal design
- Certified RNase-, DNase-, and pyrogen-free
- Certified PCR inhibitor- and human DNA-free
- Autoclavable



| Description           | Vol.    | Max. RCF   | Color        | Sterility  | Unit                     | Cat. No.  |
|-----------------------|---------|------------|--------------|------------|--------------------------|-----------|
| Microcentrifuge Tubes | 0.65 mL | 25,000 x g | Natural      | Nonsterile | 1000/Pack<br>10,000/Case | 87003-290 |
| Microcentrifuge Tubes | 1.7 mL  | 25,000 x g | Natural      | Nonsterile | 500/Pack<br>5000/Case    | 87003-294 |
| Microcentrifuge Tubes | 1.7 mL  | 25,000 x g | Rainbow Pack | Nonsterile | 500/Pack<br>5000/Case    | 87003-296 |
| Microcentrifuge Tubes | 2.0 mL  | 25,000 x g | Natural      | Nonsterile | 400/Pack<br>4000/Case    | 87003-298 |

## VWR® Disposable Microcentrifuge Tubes

- Snap caps can be penetrated by a syringe
- Frosted areas on the sides for easy labeling
- Autoclavable polypropylene
- RNase- and DNase-free
- Temp. Range: -90 to 140°C (-194 to 284°F)



| Description                      | Vol.   | Max. RCF   | Color    | Sterility  | Unit                     | Cat. No.  |
|----------------------------------|--------|------------|----------|------------|--------------------------|-----------|
| Disposable Microcentrifuge Tubes | 0.5 mL | 20,000 x g | Natural  | Nonsterile | 1000/Pack<br>10,000/Case | 89000-010 |
| Disposable Microcentrifuge Tubes | 0.5 mL | 20,000 x g | Assorted | Nonsterile | 1000/Pack<br>10,000/Case | 89000-026 |
| Disposable Microcentrifuge Tubes | 1.5 mL | 20,000 x g | Natural  | Nonsterile | 1000/Pack<br>10,000/Case | 89000-028 |

## VWR® 5 mL Snap-Cap Centrifuge Tubes

- Low-binding, virgin polypropylene
- Certified RNase- and DNase-free
- Attached cap provides a tight, leak-proof seal
- Can withstand up to 25,000 x g



**NEW!**

| Description    | Vol. | Max. RCF   | Color    | Sterility  | Unit     | Cat. No.  |
|----------------|------|------------|----------|------------|----------|-----------|
| Snap-Cap Tubes | 5 mL | 25,000 x g | Clear    | Nonsterile | 200/Pack | 10002-728 |
| Snap-Cap Tubes | 5 mL | 25,000 x g | Clear    | Sterile    | 200/Pack | 10002-730 |
| Snap-Cap Tubes | 5 mL | 25,000 x g | Assorted | Nonsterile | 200/Pack | 10002-740 |

## VWR® 5 mL Screw-Cap Centrifuge Tubes

- Screw-caps that seal smoothly and completely with a single 360° turn
- Excellent for boiling and low temperature sample preservation



**NEW!**

| Description     | Vol. | Max. RCF   | Color | Sterility | Unit     | Cat. No.  |
|-----------------|------|------------|-------|-----------|----------|-----------|
| Screw-Cap Tubes | 5 mL | 25,000 x g | Clear | Sterile   | 500/Pack | 10002-738 |

## VWR® High Performance Centrifuge Tubes

- Polypropylene
- Easy-to-read, black printed graduations
- Reusable, freezable, autoclavable racks
- RNase-, DNase-, and Endotoxin-Free
- Sterile



| Description      | Vol.  | Max. RCF   | Packaging | Unit          | Cat. No.  |
|------------------|-------|------------|-----------|---------------|-----------|
| HP Conical Tubes | 15 mL | 12,500 x g | 50/Rack   | 10 Racks/Case | 89039-666 |
| HP Conical Tubes | 15 mL | 12,500 x g | 50/Bag    | 10 Bags/Case  | 89039-664 |
| HP Conical Tubes | 50 mL | 12,500 x g | 25/Rack   | 20 Racks/Case | 89039-658 |
| HP Conical Tubes | 50 mL | 12,500 xg  | 50/Bag    | 10 Bags/Case  | 89039-656 |

## VWR® SuperClean™ Ultra-High Performance Centrifuge Tubes

- Ultra-clear polypropylene
- Autoclavable
- Black printed graduations
- Freezable to -90°C (-130°F)
- Autoclavable, high density polyethylene flat caps



| Description              | Vol.  | Max. RCF   | Packaging | Unit          | Cat. No.  |
|--------------------------|-------|------------|-----------|---------------|-----------|
| SuperClean Conical Tubes | 15 mL | 17,000 x g | 50/Bag    | 10 Bags/Case  | 21008-216 |
| SuperClean Conical Tubes | 50 mL | 20,000 x g | 25/Rack   | 20 Racks/Case | 21008-178 |
| SuperClean Conical Tubes | 50 mL | 20,000 x g | 50/Bag    | 10 Bags/Case  | 21008-242 |

## LAB ESSENTIALS

### VWR® SuperClear™ Screw Cap Microcentrifuge Tubes

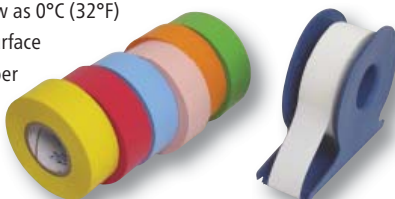
- Autoclavable, Ultra-Clear Resin
- Freezable to -90°C (-130°F)
- Packaged in resealable bags
- Low-profile caps include an ethylene propylene O-ring
- RNase-, DNase-, and Endotoxin-Free



| Description                  | Vol.   | Max. RCF   | Style         | Sterility  | Unit                  | Cat. No.  |
|------------------------------|--------|------------|---------------|------------|-----------------------|-----------|
| Screw Cap Tubes with Caps    | 1.5 mL | 20,000 x g | Self-standing | Nonsterile | 500/Pack<br>5000/Case | 16466-048 |
| Screw Cap Tubes without Caps | 0.5 mL | 20,000 x g | Self-standing | Nonsterile | 500/Pack<br>5000/Case | 16466-036 |

### VWR® General-Purpose Laboratory Labeling Tape

- Ideal for applications in refrigeration
- Temperature range: -23 to 121°C (-10 to 250°F) and has an application temperature as low as 0°C (32°F)
- Adhesive sticks to virtually any surface
- Vinyl-coated, soft satin-finish paper
- Tape removal leaves no residue



| Description                           | Length         | Width       | Color        | Unit              | Cat. No.  |
|---------------------------------------|----------------|-------------|--------------|-------------------|-----------|
| <b>Tape Rolls on 25.4mm (1") Core</b> |                |             |              |                   |           |
| Labeling Tape                         | 12.7 m (41.7') | 12.7mm (½") | Orange       | 6/Pack<br>24/Case | 89097-934 |
| Labeling Tape                         | 12.7 m (41.7') | 12.7mm (½") | Rainbow Pack | 24/Case           | 89097-920 |
| Labeling Tape                         | 12.7 m (41.7') | 12.7mm (½") | White        | 6/Pack<br>24/Case | 89097-916 |
| Labeling Tape                         | 12.7 m (41.7') | 19mm (¾")   | Orange       | 4/Pack<br>16/Case | 89098-002 |
| Labeling Tape                         | 12.7 m (41.7') | 19mm (¾")   | Rainbow Pack | 16/Case           | 89097-990 |
| Labeling Tape                         | 12.7 m (41.7') | 19mm (¾")   | White        | 4/Pack<br>16/Case | 89097-986 |
| Labeling Tape                         | 12.7 m (41.7') | 25.4mm (1") | Orange       | 3/Pack<br>12/Case | 89098-074 |
| Labeling Tape                         | 12.7 m (41.7') | 25.4mm (1") | Rainbow Pack | 12/Case           | 89098-062 |
| Labeling Tape                         | 12.7 m (41.7') | 25.4mm (1") | White        | 3/Pack<br>12/Case | 89098-058 |
| <b>Tape Rolls on 76.2mm (3") Core</b> |                |             |              |                   |           |
| Labeling Tape                         | 54.9 m (180')  | 12.7mm (½") | White        | 6/Case            | 89097-954 |
| Labeling Tape                         | 54.9 m (180')  | 19mm (¾")   | Pink         | 4/Case            | 89098-036 |
| Labeling Tape                         | 54.9 m (180')  | 19mm (¾")   | White        | 4/Case            | 89098-024 |
| Labeling Tape                         | 54.9 m (180')  | 25.4mm (1") | White        | 3/Case            | 89098-094 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Cryogenic Strip Labels

- Ideal for all cryostorage, liquid nitrogen, refrigeration, and ultra-low temperature freezer applications
- Can withstand extreme temperatures from -196 to 121°C (-321 to 250°F)



| Description  | Fits               | Dim.                 | Color | Unit      | Cat. No.  |
|--------------|--------------------|----------------------|-------|-----------|-----------|
| Strip Labels | 1.5 - 2.0 mL tubes | 13 x 13mm (½ x 1 ¼") | White | 1000/Roll | 89097-574 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Expandable Bench Rack System

- Sections are color-coded (purple, yellow, blue, and green) to facilitate sorting and selection
- System can be easily configured to meet the storage requirements of any lab
- Autoclavable and freezable (to -80°C)



| Description                  | Unit   | Cat. No.  |
|------------------------------|--------|-----------|
| Expandable Bench Rack System | 1/Pack | 89096-724 |

### VWR® Freezer Boxes

- Holds 1.5 or 2.0 mL tubes and some cryovials
- Freezable to: -90°C (-130°F)
- An alphanumeric grid on the lid
- Polypropylene



| Description                   | Format    | Color           | Unit   | Cat. No.  |
|-------------------------------|-----------|-----------------|--------|-----------|
| Freezer Boxes with hinged lid | 50-Place  | Assorted Colors | 5/Pack | 16466-020 |
| Freezer Boxes with clear lid  | 81-Place  | Natural         | 5/Pack | 16466-014 |
| Freezer Boxes with clear lid  | 81-Place  | Assorted Colors | 5/Pack | 16466-016 |
| Freezer Boxes with hinged lid | 100-Place | Assorted Colors | 5/Pack | 16466-024 |

### VWR® Freezer Boxes for 15 mL & 50 mL Centrifuge Tubes

- Polypropylene
- Temperature range: -90°C (-130°F)
- An alphanumeric grid
- Autoclavable to 122°C (251.6°F)



| Description                   | Format   | Color | Unit   | Cat. No.  |
|-------------------------------|----------|-------|--------|-----------|
| Freezer Boxes for 15 mL Tubes | 36-Place | White | 2/Pack | 82017-232 |
| Freezer Boxes for 50 mL Tubes | 16-Place | White | 2/Pack | 83009-692 |

### VWR® 80-Place Storage Systems

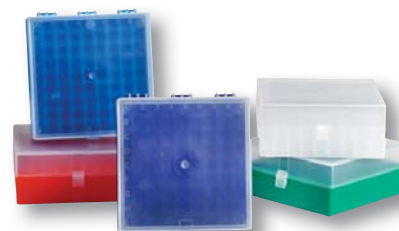
- Holds 1.7 and 2.0 mL microcentrifuge tubes and 2.0 mL cryogenic storage vials
- Autoclavable and freezable



| Description     | Format   | Color           | Unit   | Cat. No.  |
|-----------------|----------|-----------------|--------|-----------|
| Storage Systems | 80-Place | Natural         | 5/Pack | 30128-266 |
| Storage Systems | 80-Place | Assorted colors | 5/Pack | 30128-282 |

### VWR® 100-Place Freezer Boxes

- Ideal for 1.8 mL internal and external threaded vials
- Suitable to store up to -86°C
- Lid has grid option for coding
- Polypropylene



| Description   | Format    | Color | Unit              | Cat. No.  |
|---------------|-----------|-------|-------------------|-----------|
| Freezer Boxes | 100-Place | Blue  | 5/Pack<br>50/Case | 89236-010 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® 100-Place Microtube Storage Boxes

- Polypropylene
- Temperature range: -80 to 121°C
- An alphanumeric grid on the lid
- Autoclavable to 121°C (249.8°F)
- Holds 1.5 or 2.0 mL tubes
- Dim. (LxWxH): 14.2 x 14.2 x 5.5cm



| Description             | Format    | Color  | Unit              | Cat. No.  |
|-------------------------|-----------|--------|-------------------|-----------|
| Microtube Storage Boxes | 100-Place | Black  | 1/Pack<br>36/Case | 89084-934 |
| Microtube Storage Boxes | 100-Place | Blue   | 1/Pack<br>36/Case | 40000-322 |
| Microtube Storage Boxes | 100-Place | Green  | 1/Pack<br>36/Case | 40000-324 |
| Microtube Storage Boxes | 100-Place | Orange | 1/Pack<br>36/Case | 40000-326 |
| Microtube Storage Boxes | 100-Place | Pink   | 1/Pack<br>36/Case | 40000-328 |
| Microtube Storage Boxes | 100-Place | Yellow | 1/Pack<br>36/Case | 40000-330 |

## VWR® Cryogenic Freezer Boxes with Cell Dividers



| Description                                                                 | Dims. (LxWxH)                            | Unit                | Cat. No.  |
|-----------------------------------------------------------------------------|------------------------------------------|---------------------|-----------|
| <b>Cryogenic Freezer Box with Drain Slots, Grids &amp; 100-cell Divider</b> |                                          |                     |           |
| 2" Cryogenic Freezer Boxes                                                  | 13.2 x 13.2 x 5.1cm (5 1/8 x 5 1/8 x 2") | 12/Pack<br>120/Case | 89214-754 |
| <b>Cryogenic Freezer Box with Grids &amp; 100-cell Divider</b>              |                                          |                     |           |
| 2" Cryogenic Freezer Boxes                                                  | 13.2 x 13.2 x 5.1cm (5 1/8 x 5 1/8 x 2") | 12/Pack<br>120/Case | 89214-772 |
| 3" Cryogenic Freezer Boxes                                                  | 13.2 x 13.2 x 7.6cm (5 1/8 x 5 1/8 x 3") | 12/Pack<br>120/Case | 89214-774 |
| <b>Cryogenic Freezer Box with Grids &amp; 81-cell Divider</b>               |                                          |                     |           |
| 2" Cryogenic Freezer Boxes                                                  | 13.2 x 13.2 x 5.1cm (5 1/8 x 5 1/8 x 2") | 12/Pack<br>120/Case | 89214-766 |
| 3" Cryogenic Freezer Boxes                                                  | 13.2 x 13.2 x 7.6cm (5 1/8 x 5 1/8 x 3") | 12/Pack<br>120/Case | 89214-770 |

## VWR® CryoPro® Fiberboard Boxes & Dividers

- Constructed of durable fiberboard with a protective, moisture-repellant coating
- Cell Dims.: 13cm (0.53")



| Description                                                                                  | Dims. (LxWxH)                            | Unit                | Cat. No.  |
|----------------------------------------------------------------------------------------------|------------------------------------------|---------------------|-----------|
| <b>Liquid Nitrogen Cryogenic Freezer Boxes with Drain Slots, Grids &amp; 81-cell Divider</b> |                                          |                     |           |
| 2" Liquid Nitrogen Cryogenic Freezer Boxes                                                   | 13.2 x 13.2 x 5.1cm (5 1/8 x 5 1/8 x 2") | 12/Pack<br>120/Case | 97014-322 |
| <b>Mechanical Cryogenic Freezer Boxes with Grids &amp; 81-cell Divider</b>                   |                                          |                     |           |
| 2" Mechanical Cryogenic Freezer Boxes                                                        | 13.2 x 13.2 x 5.1cm (5 1/8 x 5 1/8 x 2") | 1/Pack<br>120/Case  | 82007-162 |

## VWR® Benchtop Cryogenic Racks

- Reversible benchtop chillers hold 0.5 or 0.65 mL tubes on one side and 1.5 to 2.0 mL tubes on flip side
- Maintain cold temperatures for up to 4 hours
- Polycarbonate



| Description     | Temp. Range  | Color | Unit             | Cat. No.  |
|-----------------|--------------|-------|------------------|-----------|
| Cryogenic Racks | -20°C (-4°F) | Blue  | 1/Pack<br>4/Case | 89004-558 |
| Cryogenic Racks | 0°C (32°F)   | White | 1/Pack<br>4/Case | 89004-560 |

## VWR® CryoCoolers

Cooler and lid are filled with nontoxic gel and feature a printed grid, keyed lid, locking handle, and nonskid feet.



- Store at -25°C (-13°F)
- Dim. (LxWxD): 6" x 4" x 4"

| Description | Temp. Range  | Capacity | Color  | Unit             | Cat. No.   |
|-------------|--------------|----------|--------|------------------|------------|
| CryoCoolers | -20°C (-4°F) | 12 Vials | Yellow | 1/Pack<br>8/Case | 414004-286 |

## VWR® Disposable Pipetting Reservoirs

- Reservoirs feature a trough design, graduation marks on interior walls, and pour-off spouts on each corner
- Lot-certified, nonpyrogenic, DNase- and RNase-free
- Polystyrene
- Sterile



| Description               | Vol.   | Dims. (LxWxH)                             | Packaging            | Sterility | Unit     | Cat. No.  |
|---------------------------|--------|-------------------------------------------|----------------------|-----------|----------|-----------|
| Reservoirs, White         | 25 mL  | 14.6 x 5.1 x 2.5cm (5 3/4 x 2 x 1")       | 5/Bag                | Sterile   | 200/Case | 89094-662 |
| Reservoirs, White         | 25 mL  | 14.6 x 5.1 x 2.5cm (5 3/4 x 2 x 1")       | Individually Wrapped | Sterile   | 100/Case | 89094-664 |
| Reservoirs, Natural       | 50 mL  | 14.6 x 8.3 x 3cm (5 3/4 x 3 1/4 x 1 1/8") | 5/Bag                | Sterile   | 200/Case | 89094-676 |
| Reservoirs, White         | 50 mL  | 14.6 x 8.3 x 3cm (5 3/4 x 3 1/4 x 1 1/8") | 5/Bag                | Sterile   | 200/Case | 89094-680 |
| Reservoirs, White         | 50 mL  | 14.6 x 8.3 x 3cm (5 3/4 x 3 1/4 x 1 1/8") | Individually Wrapped | Sterile   | 100/Case | 89094-682 |
| Reservoirs, White         | 100 mL | 14.6 x 8.3 x 3cm (5 3/4 x 3 1/4 x 1 1/8") | 5/Bag                | Sterile   | 200/Case | 89094-656 |
| Reservoirs, White         | 100 mL | 14.6 x 8.3 x 3cm (5 3/4 x 3 1/4 x 1 1/8") | Individually Wrapped | Sterile   | 100/Case | 89094-658 |
| Divided Reservoirs, White | 25 mL  | 14.6 x 5.1 x 2.5cm (5 3/4 x 2 x 1")       | 5/Bag                | Sterile   | 200/Case | 89094-670 |
| Divided Reservoirs, White | 25 mL  | 14.6 x 5.1 x 2.5cm (5 3/4 x 2 x 1")       | Individually Wrapped | Sterile   | 100/Case | 89094-672 |

## LAB ESSENTIALS

### VWR® Hexagonal Weigh Boats

- Flexible polystyrene
- Flat bottom avoids tipping
- Sloping sides provide accurate transfer
- Temp. resistant up to 70°C



**NEW!**

| Description                 | Color | Feature    | (LxWxH)         | Unit     | Cat. No.  |
|-----------------------------|-------|------------|-----------------|----------|-----------|
| Hexagonal Weigh Boat, Large | White | Antistatic | 102 x 76 x 22mm | 500/Case | 10770-456 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Square Weighing Boats

- Disposable polystyrene
- Flat bottom avoids tipping
- Rounded corners simplify transfer
- Temp. resistant up to 70°C



**NEW!**

| Description           | Vol.   | Color | Feature    | (WxDxH)        | Unit     | Cat. No.  |
|-----------------------|--------|-------|------------|----------------|----------|-----------|
| Square Weighing Boats | 100 mL | White | Antistatic | 85 x 85 x 24mm | 500/Pack | 10770-448 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Pour-Boat Weighing Boats

- Flat bottom avoids tipping
- Temperature resistant to 70°C
- Biologically inert and resistant to dilute and weak acids, aqueous solutions, alcohols and bases



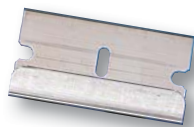
**NEW!**

| Description              | Size   | Color | Feature    | (WxDxH)         | Unit     | Cat. No.  |
|--------------------------|--------|-------|------------|-----------------|----------|-----------|
| Pour-Boat Weighing Boats | Medium | White | Antistatic | 83 x 132 x 26mm | 500/Pack | 10770-438 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Razor Blades

- Single-edge industrial razor blades are machine-honed from hard carbon steel, then wrapped individually to protect users



| Description               | Thickness       | Unit                  | Cat. No.  |
|---------------------------|-----------------|-----------------------|-----------|
| Razor Blades, Single-edge | 0.22mm (0.009") | 100/Pack<br>5000/Case | 55411-050 |

### VWR® Polyester Sealing Films for ELISA and General Incubation

- Consistent, uniformly applied adhesive
- Temperature range: -40 to 120°C



| Description            | Sterility  | Unit     | Cat. No.  |
|------------------------|------------|----------|-----------|
| Polyester Sealing Film | Nonsterile | 100/Case | 60941-062 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Solvent-Saver™ Scintillation Vials, Borosilicate Glass

- Reduced amount of solvent required
- White urea screw cap has a cork-backed foil liner



| Description         | Capacity | O.D. x H  | Cap Size | Unit      | Cat. No.  |
|---------------------|----------|-----------|----------|-----------|-----------|
| Scintillation Vials | 7 mL     | 17 x 57mm | 15-425   | 1000/Case | 66022-300 |

### VWR® Vials, Borosilicate Glass, with Phenolic Screw Cap

- Short form
- Vials feature a black phenolic molded screw cap with polyvinyl-faced pulp liner
- Cap is flush to vial shoulder



| Description               | Capacity | O.D. x H  | Cap Size | Unit                  | Cat. No.  |
|---------------------------|----------|-----------|----------|-----------------------|-----------|
| Vials, Borosilicate Glass | 1 drams  | 15 x 45mm | 13-425   | 144/Pack<br>2304/Case | 66011-041 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Scintillation Vials, Borosilicate Glass

- Fit all standard counting equipment for liquid scintillation systems
- Vials are packed in cellular trays, with 100 vials per tray
- Trays feature an alphanumeric grid for easy sample identification

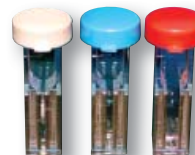


| Description                                                | Cap.  | Cap Size | Unit     | Cat. No.  |
|------------------------------------------------------------|-------|----------|----------|-----------|
| Vials with Attached White Urea Cap and Cork Foil Liner     | 20 mL | 22-400   | 500/Case | 66022-004 |
| Vials with Attached Polypropylene Cap and Pulp Foil Liner  | 20 mL | 22-400   | 500/Case | 66022-060 |
| Vials with Unattached White Urea Cap and Cone-Shaped Liner | 20 mL | 22-400   | 500/Case | 66022-128 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Signature™ Disposable Electroporation Cuvettes

- Polished aluminum plates reduce static and arcing
- Compatible with most electroporation devices



| Description       | Volume | Gap Size | Sterility | Unit                 | Cat. No.  |
|-------------------|--------|----------|-----------|----------------------|-----------|
| Signature Cuvette | 90 µL  | 1mm      | Sterile   | 50/Pack<br>2500/Case | 89047-206 |
| Signature Cuvette | 400 µL | 2mm      | Sterile   | 50/Pack<br>2500/Case | 89047-208 |
| Signature Cuvette | 800 µL | 4mm      | Sterile   | 50/Pack<br>2500/Case | 89047-210 |

### VWR® Two-Sided Disposable Cuvettes

- Ideal for most spectrophotometry applications in the visible and near-UV range
- 10mm lightpath with an arrow mark to indicate direction of transmission and reduce variation

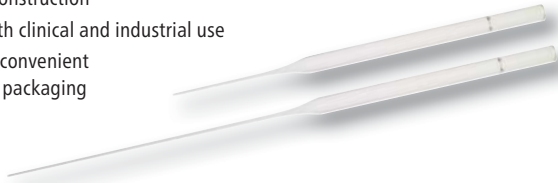


| Description        | Volume       | Material    | Unit     | Cat. No.  |
|--------------------|--------------|-------------|----------|-----------|
| Semi-Micro Cuvette | 1.5 - 3.0 mL | Polystyrene | 500/Case | 97000-586 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Disposable Pasteur Pipets, Flint Glass

- Flint glass construction
- Ideal for both clinical and industrial use
- Supplied in convenient USE-Packs® packaging



| Description                 | Overall Length | Unit      | Cat. No.  |
|-----------------------------|----------------|-----------|-----------|
| Pasteur Pipets, Flint Glass | 14.6cm (5 ¾")  | 1000/Case | 14672-200 |
| Pasteur Pipets, Flint Glass | 22.9cm (9")    | 1000/Case | 14672-380 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Disposable Pasteur Pipets, Borosilicate Glass

- Ideal for use in a wide range of laboratory applications
- Fire-polished tips facilitate bulb attachment

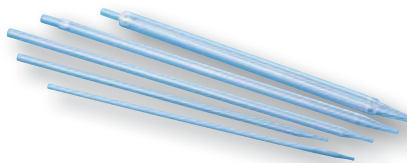


| Description                         | Capacity | Overall Length | Unit      | Cat. No.  |
|-------------------------------------|----------|----------------|-----------|-----------|
| Borosilicate Glass Pipet, Short Tip | 2 mL     | 14.6cm (5 ¾")  | 1000/Case | 14673-010 |
| Borosilicate Glass Pipet, Long Tip  | 2 mL     | 22.9cm (9")    | 1000/Case | 14673-043 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Disposable Aspirating Pipets

- Non-plugged, nongraduated, single-use pipets
- Thermoformed paper/plastic packaging protects against contamination



| Description       | Capacity | Material    | Sterility | Unit     | Cat. No.   |
|-------------------|----------|-------------|-----------|----------|------------|
| Aspirating Pipets | 2 mL     | Polystyrene | Sterile   | 200/Case | 414004-265 |

## VWR® Culture Tubes, Disposable, Borosilicate Glass with Screw-Cap Finish

- Marking spot and orientation reference mark
- Threaded neck to accept screw caps
- Caps sold separately



| Description   | Capacity | O.D. x L   | Cap Size | Unit      | Cat. No.  |
|---------------|----------|------------|----------|-----------|-----------|
| Culture Tubes | 8 mL     | 13 x 100mm | 13-415   | 1000/Case | 53283-800 |
| Culture Tubes | 12 mL    | 16 x 100mm | 15-415   | 1000/Case | 53283-802 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Carboys

- Ideal for sterile water storage
- Graduated to identify the volume dispensed
- Autoclavable polypropylene (HDPE carboys are not autoclavable)
- Temperature Range: -100 to 100°C
- Rectangular Carboys—feature a heavy-duty stainless steel handle for easy carrying & pouring
- Round Carboys—feature an integrated shoulder handle
- Chemical resistance



**NEW!**

| Description                                | Material      | Cap.     | Sterility  | Unit          | Cat. No.  |
|--------------------------------------------|---------------|----------|------------|---------------|-----------|
| Rectangular Carboy with Spigot, Wide Mouth | HDPE          | 20 Liter | Nonsterile | 1/Pack 4/Case | 10755-106 |
| Round Carboy without Spigot, Wide Mouth    | Polypropylene | 20 Liter | Nonsterile | 1/Pack 4/Case | 10755-122 |
| Round Carboy without Spigot, Narrow Mouth  | Polypropylene | 50 Liter | Nonsterile | 1/Pack        | 10755-126 |
| Round Carboy with Spigot, Narrow Mouth     | Polypropylene | 10 Liter | Nonsterile | 1/Pack 6/Case | 10755-090 |
| Round Carboy with Spigot, Narrow Mouth     | Polypropylene | 20 Liter | Nonsterile | 1/Pack 4/Case | 10755-118 |
| Round Carboy with Spigot, Narrow Mouth     | Polypropylene | 50 Liter | Nonsterile | 1/Pack        | 10755-130 |

## VWR® Drawer Organizers for VWR® Cabinet Drawers

- Multiple compartments
- 4 ½" interior depth
- Scooped fixed interior dividers
- Built-in handles
- White PVC plastic construction
- Keeps drawers in pristine condition
- Manufactured in the USA
- Total replacement Lifetime Guarantee

**NEW!**

| Description      | No. of Compartments | Weight | Unit   | Cat. No.  |
|------------------|---------------------|--------|--------|-----------|
| Drawer Organizer | 1 Open              | 2 lbs. | 1/Pack | 10809-074 |
| Drawer Organizer | 4                   | 3 lbs. | 1/Pack | 10809-068 |
| Drawer Organizer | 4 Long              | 3 lbs. | 1/Pack | 10809-064 |
| Drawer Organizer | 5                   | 3 lbs. | 1/Pack | 10809-070 |
| Drawer Organizer | 5 Large             | 6 lbs. | 1/Pack | 10809-076 |
| Drawer Organizer | 6                   | 3 lbs. | 1/Pack | 10809-072 |
| Drawer Organizer | 16                  | 3 lbs. | 1/Pack | 10809-066 |

## VWR® Culture Tubes, Disposable, Borosilicate Glass

- Chemically inert
- High heat tolerance
- Uniform dimensions
- Convenient dispensing packages



| Description   | Material           | O.D. x L   | Overflow Vol. | Unit      | Cat. No.  |
|---------------|--------------------|------------|---------------|-----------|-----------|
| Culture Tubes | Borosilicate Glass | 12 x 75mm  | 5 mL          | 1000/Case | 47729-570 |
| Culture Tubes | Borosilicate Glass | 13 x 100mm | 9 mL          | 1000/Case | 47729-572 |
| Culture Tubes | Borosilicate Glass | 16 x 100mm | 14 mL         | 1000/Case | 47729-576 |
| Culture Tubes | Borosilicate Glass | 16 x 125mm | 18 mL         | 1000/Case | 47729-578 |
| Culture Tubes | Borosilicate Glass | 16 x 150mm | 22 mL         | 1000/Case | 47729-580 |
| Culture Tubes | Borosilicate Glass | 18 x 150mm | 28 mL         | 500/Case  | 47729-583 |

## LAB ESSENTIALS

### VWR® Traceable® Four-Channel Alarm Timer

- Times to 100 hours
- (HxWxD): 7 x 6.4 x 1.3cm (2 ¾ x 2 ½ x ½")



| Description              | Unit   | Cat. No.  |
|--------------------------|--------|-----------|
| Four-Channel Alarm Timer | 1/Pack | 62344-641 |

### VWR® Traceable® Refrigerator/Freezer Digital Thermometer

- Temperature Range: -50 to 70°C (-58 to 158°F)
- Probe is sealed in glycol solution
- Min./max. memory
- High and low settable alarms



| Description                              | Probe        | Unit   | Cat. No.  |
|------------------------------------------|--------------|--------|-----------|
| Refrigerator/Freezer Digital Thermometer | Bottle Probe | 1/Pack | 61161-364 |

### VWR® Laboratory Notebooks

- Numbered pages include spaces for title, project number, book number, date, and witness signature
- Covers are waterproof and chemical resistant
- Periodic and conversion tables in back



| Description | Pages    | Color | Measures   | Format | Unit    | Cat. No.  |
|-------------|----------|-------|------------|--------|---------|-----------|
| Notebooks   | 100-Page | Black | 8.5" x 11" | Grid   | 12/Case | 82007-219 |
| Notebooks   | 200-Page | Blue  | 8.5" x 11" | Grid   | 12/Case | 82007-233 |
| Notebooks   | 200-Page | Red   | 8.5" x 11" | Lined  | 12/Case | 82026-407 |

### VWR® Lab Markers

- Provide permanent marking on plastic disposables
- Dries quickly for immediate handling of labware



| Description           | Tip Style | Ink Color | Unit    | Cat. No.  |
|-----------------------|-----------|-----------|---------|-----------|
| Permanent Lab Markers | Fine      | Black     | 10/Pack | 52877-310 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Chemical-Resistant Laboratory Markers

- Ink is waterproof, smearproof, and odorless
- Resistant to common histology chemicals, including formalin, xylene, and alcohols



| Description                | Tip Style  | Ink Color | Unit    | Cat. No.  |
|----------------------------|------------|-----------|---------|-----------|
| Chemical-Resistant Markers | Ultra-fine | Black     | 12/Pack | 95042-566 |

### VWR® Basic Protection SPP Anti-Skid Shoe Covers

- Economical, disposable first line barrier
- Maximum breathability
- Low-linting



| Description           | Size      | Length         | Color | Unit     | Cat. No.  |
|-----------------------|-----------|----------------|-------|----------|-----------|
| Anti-Skid Shoe Covers | Universal | 44.5cm (17 ½") | Blue  | 300/Case | 97041-236 |

### VWR® Advanced Protection Anti-Skid Shoe Covers

- Excellent particulate barrier
- High coefficient of friction provides excellent traction
- Non-linting
- Serged seams



| Description                               | Size    | Dims. (LxH)               | Color | Unit     | Cat. No.   |
|-------------------------------------------|---------|---------------------------|-------|----------|------------|
| Advanced Protection Anti-Skid Shoe Covers | X-Large | 43.2 x 17.1cm (17 x 6 ¾") | Blue  | 300/Case | 414004-650 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Maximum Protection Non-Skid Shoe Covers

- Non-skid sole provides maximum traction on wet and smooth surfaces
- Superior coefficient of friction
- Impervious material construction
- Clean, low-linting fabric



| Description                          | Size      | Dims. (LxH)               | Color | Unit     | Cat. No.   |
|--------------------------------------|-----------|---------------------------|-------|----------|------------|
| Max. Protection Non-Skid Shoe Covers | Universal | 35.6 x 12.7cm (14 x 5")   | White | 200/Case | 414004-480 |
| Max. Protection Non-Skid Shoe Covers | Large     | 32.4 x 12.7cm (12 ¾ x 5") | White | 200/Case | 414004-483 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Unisex 100% Cotton Lab Coats

- Plain front with no embroidery
- Overall length is 99cm (39")



**NEW!**

| Description      | Size   | Chest Size | Color | Unit           | Cat. No.  |
|------------------|--------|------------|-------|----------------|-----------|
| Cotton Lab Coats | Small  | 30-32"     | White | 1/Pack 25/Case | 10753-932 |
| Cotton Lab Coats | Medium | 34-36"     | White | 1/Pack 25/Case | 10753-934 |
| Cotton Lab Coats | Large  | 38-40"     | White | 1/Pack 25/Case | 10753-936 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Protection ESD Lab Coats

- All coats feature a plain front, with no embroidery
- Excellent anti-static protection for electronic applications
- One breast pocket and two lower pockets
- Elastic wrist cuffs and a snap-front closure

**NEW!**

| Description   | Size   | Length        | Color | Unit           | Cat. No.  |
|---------------|--------|---------------|-------|----------------|-----------|
| ESD Lab Coats | Medium | 111.7cm (44") | Blue  | 1/Pack 25/Case | 10769-338 |
| ESD Lab Coats | Large  | 111.7cm (44") | Blue  | 1/Pack 25/Case | 10769-340 |

Visit [vwr.com](http://vwr.com) for complete listing



### VWR® SoftCIDE® -NA Hand Soap

- Extra-mild cleansing, frequent use formula and pH balanced for skin

| Description           | Size            | Packaging   | Unit           | Cat. No.  |
|-----------------------|-----------------|-------------|----------------|-----------|
| SoftCIDE-NA Hand Soap | 946 mL (32 oz.) | Pump Bottle | 1/Pack 12/Case | 56700-144 |

## VWR® Maximum Protection Antifog Full Face Shields

- Protect front and side of face from fluid splash
- Low-glare shield provides distortion-free vision
- Dims. (LxH): 33.5 x 19cm (13 3/16 x 7 1/2")



| Description                              | Thickness     | Unit     | Cat. No.   |
|------------------------------------------|---------------|----------|------------|
| Full Face Shields with Elastic Headstrap | 0.18mm, ±0.02 | 200/Case | 414004-679 |

## VWR® Sterile Sleeves

- Excellent breathability and water vapor transmission rate
- Superior fluid and particulate barrier
- Lowest level of particle shedding
- Durable yet soft, cloth-like fabric



| Description     | Size      | Length           | Color | Unit     | Cat. No.   |
|-----------------|-----------|------------------|-------|----------|------------|
| Sterile Sleeves | Universal | 49.5cm (19 1/2") | White | 300/Case | 414004-510 |

## VWR® Light-Duty Tissue Wipers

- Virgin fiber tissue
- Absorbent, soft, strong, and low-linting
- Antistatic film-windowed dispenser boxes



| Description                                | Thickness | Dims. (WxL)                    | Unit                                      | Cat. No.  |
|--------------------------------------------|-----------|--------------------------------|-------------------------------------------|-----------|
| Light-Duty Tissue Wipers in Perforated Box | 1-Ply     | 11.4 x 21.3cm (4 1/2 x 8 3/8") | 280/Pack<br>16,800/Case<br>302,400/Pallet | 82003-820 |
| Light-Duty Tissue Wipers                   | 1-Ply     | 35.6 x 42.4cm (14 x 16 3/4")   | 140/Pack<br>2100/Case<br>56,700/Pallet    | 82003-822 |

## VWR® CERTICLEAN® Class 10 Nitrile Gloves

- Ambidextrous
- Powder-free
- More coverage over garment sleeve
- Superior strength and puncture resistance



|                  |         |
|------------------|---------|
| Finger thickness | 6.3 mil |
| Palm thickness   | 5.1 mil |

| Description               | Size   | Length       | Color | Unit      | Cat. No.  |
|---------------------------|--------|--------------|-------|-----------|-----------|
| CERTICLEAN Nitrile Gloves | Medium | 30.5cm (12") | White | 1000/Case | 40101-354 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Nitrile 200 Examination Gloves

- Ambidextrous
- Chemical resistant



|                  |         |
|------------------|---------|
| Finger thickness | 3.9 mil |
| Palm thickness   | 2.8 mil |

| Description             | Size   | Length      | Color | Unit                  | Cat. No.  |
|-------------------------|--------|-------------|-------|-----------------------|-----------|
| Nitrile 200 Exam Gloves | Small  | 22.9cm (9") | Blue  | 200/Pack<br>2000/Case | 89428-748 |
| Nitrile 200 Exam Gloves | Medium | 22.9cm (9") | Blue  | 200/Pack<br>2000/Case | 89428-750 |
| Nitrile 200 Exam Gloves | Large  | 22.9 m (9") | Blue  | 200/Pack<br>2000/Case | 89428-752 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Nitrile Examination Gloves

- Ambidextrous
- Powder-free
- Extra-soft and comfortable
- Chemical resistant



|                  |         |
|------------------|---------|
| Finger thickness | 5.5 mil |
| Palm thickness   | 4.7 mil |

| Description         | Size    | Length      | Color | Unit                  | Cat. No.  |
|---------------------|---------|-------------|-------|-----------------------|-----------|
| Nitrile Exam Gloves | Small   | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 82026-424 |
| Nitrile Exam Gloves | Medium  | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 82026-426 |
| Nitrile Exam Gloves | Large   | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 82026-428 |
| Nitrile Exam Gloves | X-Large | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 82026-430 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Soft Nitrile Examination Gloves

- Ambidextrous
- Powder-free
- Chemical resistant



|                  |         |
|------------------|---------|
| Finger thickness | 3.1 mil |
| Palm thickness   | 3.1 mil |

| Description              | Size   | Length      | Color | Unit                  | Cat. No.  |
|--------------------------|--------|-------------|-------|-----------------------|-----------|
| Soft Nitrile Exam Gloves | Small  | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 89038-268 |
| Soft Nitrile Exam Gloves | Medium | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 89038-270 |
| Soft Nitrile Exam Gloves | Large  | 22.9cm (9") | Blue  | 100/Pack<br>1000/Case | 89038-272 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® MICROGRIP® PURPLE NITRILE® Gloves

- Ambidextrous
- Powder-free
- Beaded cuff, microtextured
- Polymer coating



|                  |          |
|------------------|----------|
| Finger thickness | 4.72 mil |
| Palm thickness   | 4.33 mil |

| Description                     | Size   | Length       | Color  | Unit                  | Cat. No.  |
|---------------------------------|--------|--------------|--------|-----------------------|-----------|
| MICROGRIP PURPLE NITRILE Gloves | Small  | 25.4cm (10") | Purple | 100/Pack<br>1000/Case | 40101-344 |
| MICROGRIP PURPLE NITRILE Gloves | Medium | 25.4cm (10") | Purple | 100/Pack<br>1000/Case | 40101-346 |
| MICROGRIP PURPLE NITRILE Gloves | Large  | 25.4cm (10") | Purple | 100/Pack<br>1000/Case | 40101-348 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Latex Examination Gloves

- Ambidextrous
- Powder-free
- Single use only



|                  |         |
|------------------|---------|
| Finger thickness | 6.3 mil |
| Palm thickness   | 5.5 mil |

| Description       | Size   | Length          | Color  | Unit                  | Cat. No.   |
|-------------------|--------|-----------------|--------|-----------------------|------------|
| Latex Exam Gloves | Small  | 24.1cm (9 1/2") | Yellow | 100/Pack<br>1000/Case | 414004-429 |
| Latex Exam Gloves | Medium | 24.1cm (9 1/2") | Yellow | 100/Pack<br>1000/Case | 414004-430 |
| Latex Exam Gloves | Large  | 24.1cm (9 1/2") | Yellow | 100/Pack<br>1000/Case | 414004-431 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Autoclavable Biohazard Bags, Double Thick, 3 mil

- Temperature-resistant polypropylene
- Biohazard warning label
- Autoclavable



| Description            | Dims. (WxH)            | Unit     | Cat. No.  |
|------------------------|------------------------|----------|-----------|
| Red Bags, Double Thick | 61 x 76.2cm (24 x 30") | 250/Case | 14220-084 |

## VWR® Autoclavable Printed Bags, Nonhazardous Waste, 2 mil

- High-integrity polypropylene
- Superior tear resistance
- Welded seals



| Description         | Dims. (WxH)               | Unit     | Cat. No.  |
|---------------------|---------------------------|----------|-----------|
| Clear Bags, Printed | 91.4 x 114.3cm (36 x 45") | 100/Case | 14220-044 |

## VWR® Autoclavable Polypropylene Bags, 2 mil

- Meet strength requirements in ASTM D 1709-04 for 165g dart drop test
- Can withstand autoclaving temperatures up to 135°C (275°F)



| Description          | Dims. (WxH)            | Unit     | Cat. No.  |
|----------------------|------------------------|----------|-----------|
| Clear Bags, No Print | 30.5 x 61cm (12 x 24") | 100/Pack | 95042-554 |
| Clear Bags, No Print | 61 x 76.2cm (24 x 30") | 100/Pack | 95042-556 |
| Clear Bags, No Print | 61 x 91.4cm (24 x 36") | 100/Pack | 95042-558 |

## VWR® Broken Glass Disposal Cartons

- Safe, convenient disposal of broken glassware
- Packed flat to save space; easy to assemble
- Disposable cardboard receptacles with 2mil thick polypropylene liner safely contain broken glass and residual liquids



| Description            | Dims. (LxWxH)                        | Unit   | Cat. No.  |
|------------------------|--------------------------------------|--------|-----------|
| Floor Disposal Cartons | 30.5 x 30.5 x 68.5cm (12 x 12 x 27") | 6/Pack | 56617-801 |

## VWR® Biohazard Incinerator Cartons

- Allows safe, convenient disposal and incineration of biohazardous waste
- Negates the need to transfer contents
- The snug-fitting lid has a flap for easily inserting waste material



| Description               | Dims. (LxWxH)                        | Unit   | Cat. No.  |
|---------------------------|--------------------------------------|--------|-----------|
| Floor Incinerator Cartons | 30.5 x 30.5 x 68.5cm (12 x 12 x 27") | 6/Pack | 56617-807 |

## VWR® Autoclavable Biohazard Bags, 2 mil

- High-integrity polypropylene
- Resists punctures, tears and leaks
- Temperature indicator is printed in a chemically active ink
- Twist-tie closure allows bag to expand and vent steam during cooling



| Description                | Dims. (WxH)              | Unit     | Cat. No.  |
|----------------------------|--------------------------|----------|-----------|
| Orange Bags with Indicator | 63.5 x 88.9cm (25 x 35") | 200/Case | 14220-052 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® High Strength Autoclavable Infectious Waste Bags, 2 mil

- Ideal for hazardous waste collection and decontamination in an autoclave
- High-strength polypropylene
- Temperature indicator is printed in a chemically active ink



| Description       | Dims. (WxH)               | Unit     | Cat. No.  |
|-------------------|---------------------------|----------|-----------|
| Red Bags, Printed | 20.3 x 30.5cm (8 x 12")   | 400/Case | 14230-910 |
| Red Bags, Printed | 63.5 x 88.9cm (25 x 35")  | 200/Case | 14220-094 |
| Red Bags, Printed | 96.5 x 121.9cm (38 x 48") | 100/Case | 14220-098 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Autoclavable Bags, 1.5 mil

- Designed to handle dangerous materials
- Available red with proper biohazard warnings, or clear without label
- Rated for use at 135°C (275°F)
- High-strength polypropylene



| Description       | Dims. (WxH)            | Unit                  | Cat. No.  |
|-------------------|------------------------|-----------------------|-----------|
| Red Bags, Printed | 30.5 x 61cm (12 x 24") | 100/Pack<br>1000/Case | 14220-002 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Sharps Container Systems, Red

- Stackable
- Puncture-resistant, autoclave- and incinerator-safe
- Transparent, locking lids, and needle removal ports



| Description       | Size    | Capacity        | Dims. (WxDxH)                                | Unit              | Cat. No.  |
|-------------------|---------|-----------------|----------------------------------------------|-------------------|-----------|
| Sharps Containers | Large   | 7.6 L (2 gal.)  | 25.4 x 17.8 x 24.1cm (10 x 7 x 9 1/2")       | 1/Pack<br>24/Case | 19001-006 |
| Sharps Containers | X-Large | 30.3 L (8 gal.) | 28.6 x 28.6 x 34.9cm (11 1/4 x 11 1/4 x 14") | 1/Pack<br>10/Case | 19001-010 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Bioprocessing Chemicals



| Description                                                     | Size | Packaging   | Unit   | Cat. No.      |
|-----------------------------------------------------------------|------|-------------|--------|---------------|
| HEPES Sodium Salt                                               | 1 kg | HDPE Bottle | 1/Pack | VWRB30567-1KG |
| Potassium Phosphate Monobasic Anhydrous, NF EP Endotoxin Tested | 1 kg | HDPE Bottle | 1/Pack | VWRB0781-1KG  |
| Sodium Phosphate Dibasic Anhydrous, USP EP Endotoxin Tested     | 1 kg | HDPE Bottle | 1/Pack | VWRB0404-1KG  |
| Sodium Phosphate Monobasic Monohydrate, USP Endotoxin Tested    | 1 kg | HDPE Bottle | 1/Pack | VWRB0823-1KG  |

## VWR® Prefilled Histology Containers, 10% Neutral Buffered Formalin (NBF)

- High clarity virgin polypropylene
- Polyethylene screw caps included
- Click top closure
- 95kPa compliant



**NEW!**

| Description                                             | Capacity | Unit     | Cat. No.  |
|---------------------------------------------------------|----------|----------|-----------|
| Prefilled Histology Containers 10% (NBF) with screw cap | 20 mL    | 128/Case | 16004-112 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Hematology Reagents

- Reagents have been used in the automated market on the Hematek®, Midas®, Sysmex® and Sakura® instruments



**NEW!**

| Description            | Size            | Unit              | Cat. No.  |
|------------------------|-----------------|-------------------|-----------|
| Single Step Wright's   | 948 mL (32 oz.) | 1/Pack<br>12/Case | 10143-068 |
| Three Step Solution II | 3.8 L (1 gal.)  | 1/Pack<br>4/Case  | 10143-238 |

## VWR® Histology/Cytology Stains

- Crisp, clear staining
- Well-defined cytoplasm



**NEW!**

| Description          | Size           | Unit             | Cat. No.  |
|----------------------|----------------|------------------|-----------|
| Eosin Y 1% Alcoholic | 3.8 L (1 gal.) | 1/Pack<br>4/Case | 10143-132 |
| Hematoxylin Gill 1X  | 3.8 L (1 gal.) | 1/Pack<br>4/Case | 10143-144 |

## VWR® Gram Stain Replacement Sets

- Sets include all necessary solutions
- Enables differentiation



**NEW!**

| Description                 | Size                | Unit            | Cat. No.  |
|-----------------------------|---------------------|-----------------|-----------|
| Gram Stain Replacement Sets | 4 x 237 mL (8 oz.)  | 1 Kit<br>6/Case | 10143-178 |
| Gram Stain Replacement Sets | 4 x 474 mL (16 oz.) | 1 Kit<br>4/Case | 10143-258 |

## BDH® Solvents and Standards



**NEW!**

| Description                                                 | Size | Packaging          | Unit              | Cat. No.      |
|-------------------------------------------------------------|------|--------------------|-------------------|---------------|
| 2,2,4-Trimethylpentane, HiPerSolv CHROMANORM® for HPLC      | 4 L  | Amber Glass Bottle | 1/Pack<br>4/Case  | BDH83630.400* |
| Acetone, ACS (Purity: 99.5% min.)                           | 4 L  | Poly Bottle        | 1/Pack<br>4/Case  | BDH1101-4LP   |
| Acetone, HiPerSolv CHROMANORM® for HPLC                     | 19 L | Steel Can          | 1/Pack            | BDH1101-19L   |
| Acetone, HiPerSolv CHROMANORM® for HPLC                     | 4 L  | Amber Glass Bottle | 1/Pack<br>4/Case  | BDH20067.400* |
| Acetonitrile, HiPerSolv CHROMANORM® Super gradient for HPLC | 4 L  | Amber Glass Bottle | 1/Pack<br>4/Case  | BDH83639.400  |
| Acetonitrile, HiPerSolv CHROMANORM® for LC-MS               | 5 L  | Aluminum Bottle    | 1/Pack<br>4/Case  | BDH83639.500  |
| Acetonitrile, HiPerSolv CHROMANORM® for LC-MS               | 4 L  | Glass Bottle       | 1/Pack<br>4/Case  | BDH83640.400  |
| Dichloromethane, ACS, Stabilized                            | 4 L  | Glass Bottle       | 1/Pack<br>4/Case  | BDH1113-4LG   |
| EDTA Standard Solution, 0.5M                                | 1 L  | Poly Bottle        | 1/Pack<br>12/Case | BDH7830-1     |
| Ethanol Denatured (Reagent Alcohol), ACS                    | 4 L  | Poly Bottle        | 1/Pack<br>4/Case  | BDH1156-4LP   |
| Hexanes, ACS                                                | 19 L | Steel Can          | 1/Pack            | BDH1129-19L   |
| Isopropyl Alcohol, ACS                                      | 4 L  | Poly Bottle        | 1/Pack<br>4/Case  | BDH1133-4LP   |
| Methanol, HiPerSolv CHROMANORM® gradient for HPLC           | 5 L  | Aluminum Bottle    | 1/Pack<br>4/Case  | BDH20864.500  |
| Water, HiPerSolv CHROMANORM® for HPLC                       | 1 L  | Amber Glass Bottle | 1/Pack<br>12/Case | BDH23595.400  |

\*Products not available in Canada.

## VWR® Histology Reagents

- Bulk reagents in convenient packaging
- Strict quality control release testing
- Complete product line for tissue processing



**NEW!**

| Description                                     | Size    | Unit              | Cat. No.  |
|-------------------------------------------------|---------|-------------------|-----------|
| Reagent Grade Alcohol, 95%                      | 1 gal.  | 1/Pack<br>4/Case  | 89370-082 |
| Reagent Grade Alcohol, 100%                     | 1 gal.  | 1/Pack<br>4/Case  | 89370-084 |
| Isopropyl Alcohol                               | 1 gal.  | 1/Pack<br>4/Case  | 89370-086 |
| 37% Formaldehyde                                | 1 gal.  | 1/Pack<br>4/Case  | 10790-710 |
| 37% Formaldehyde, Cube                          | 5 gal.  | 1/Pack<br>12/Case | 10790-712 |
| 10% Neutral Buffered Formalin                   | 1 L     | 1/Pack<br>12/Case | 10790-714 |
| 10% Neutral Buffered Formalin, Cube with Spigot | 5 gal.  | 1/Pack            | 16004-128 |
| 10% Neutral Buffered Formalin, Drum             | 55 gal. | 1/Pack            | 10790-716 |
| Xylene                                          | 1 gal.  | 1/Pack<br>4/Case  | 89370-088 |

## VWR® Sterile 70% Isopropanol

- Contains 70% USP grade isopropanol and 30% USP grade deionized water
- Double-bagged and gamma-irradiated to a Sterility Assurance Level of 10<sup>-6</sup>
- Ideal for use with sterile cleanroom wipers

| Description          | Size            | Unit    | Cat. No.  |
|----------------------|-----------------|---------|-----------|
| Trigger Spray Bottle | 473 mL (16 oz.) | 12/Case | 89108-160 |

## VWR® Inverted Fluorescence Microscope

- Siedentopf-type head with trinocular tube and 45° inclination (Light Split = 0/100)
- WF PL 10X/22mm high eyepoint eyepiece
- Side facing quintuple nosepiece
- CCIS Planachromatic objective PL4X, LWD
- CCIS Planachromatic phase objective (Ph10X, LWD PL Ph20X, LWD PL Ph40x)
- ELWD N.A. 0.30 condenser
- Centerable phase slider with PH1, PH3 and bright field
- Phase centering telescope
- Plain Stage with attachable mechanical stage with well plate holders (128 x 86mm)
- Petri dish holder
- Glass and metal stage inserts (32mm, 54mm, 65mm)
- Externally mounted centerable 6V/30W
- Koehler illumination halogen lamp with intensity control
- 45mm blue, ground glass and green interference filter, power cord, allen hexagonal key, vinyl dust cover
- Universal power supply (100-240V)
- UL listed; CSA certified



| Description                                                     | Cat. No.  |
|-----------------------------------------------------------------|-----------|
| Inverted Fluorescence Microscope                                | 89404-464 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |           |

## VWR® Inverted Trinocular Microscope

- Trinocular inverted Siedentopf-type head with trinocular tube and 45° inclination (Light Split = 20/80)
- WF PL 10X/22mm high eyepoint eyepiece
- Side facing quintuple nosepiece
- CCIS Planachromatic objective PL4X, CCIS Planachromatic phase objective (Ph10X, LWD PL, Ph20X, LWD PL Ph40X)
- ELWD N.A. 0.30 condenser
- Centerable phase slider with PH1, PH3 and bright field
- Phase centering telescope
- Plain Stage with attachable mechanical stage with well plate holders (128 x 86mm)
- Glass and metal stage inserts (32mm, 54mm, 65mm petri dish holder included)
- Externally mounted centerable 6V/30W
- Koehler illumination halogen lamp with intensity control
- 45mm blue, ground glass and green interference filter
- Power cord, allen hexagonal key, vinyl dust cover
- Universal power supply (100-240V)
- UL listed; CSA certified



| Description                                                     | Cat. No.  |
|-----------------------------------------------------------------|-----------|
| Inverted Trinocular Microscope                                  | 89404-462 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |           |

## VWR® VistaVision™ HistoBond® Adhesive Slides

- Color-coated ends facilitate sorting and identification
- Uniform size and thickness



| Description                                                     | (LxW)     | Thickness | Color Tab | Unit                 | Cat. No.  |
|-----------------------------------------------------------------|-----------|-----------|-----------|----------------------|-----------|
| VistaVision HistoBond Adhesive Slides                           | 75 x 25mm | 1mm       | White     | 72/Pack<br>1440/Case | 16004-406 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |           |           |           |                      |           |

## VWR® Superfrost® Plus Micro Slides

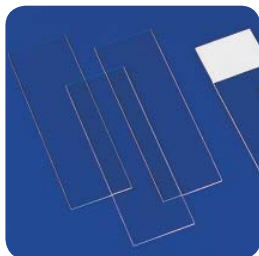
- Ideal for frozen tissue sections and cytology preparation applications
- Opaque coating reliably retains laboratory markings



| Description                  | (LxW)     | Thickness | Color Tab | Unit                 | Cat. No.  |
|------------------------------|-----------|-----------|-----------|----------------------|-----------|
| Superfrost Plus Micro Slides | 75 x 25mm | 1mm       | White     | 72/Pack<br>1440/Case | 48311-703 |

## VWR® Plain Micro Slides

- Pre-cleaned slides made from the highest quality sheet glass



| Description                                                     | (LxW)     | Thickness | Color | Unit                   | Cat. No.  |
|-----------------------------------------------------------------|-----------|-----------|-------|------------------------|-----------|
| Plain Micro Slides                                              | 75 x 25mm | 1mm       | Clear | 144/Gross<br>1440/Case | 48300-025 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |           |           |       |                        |           |

## VWR® Micro Slide Trays, Cardboard

- Sturdy cardboard construction
- Recessed compartments protect specimens
- Designed to allow easy slide insertion and removal



| Description                                                     | No. of Places | (LxWxH)                                          | Unit              | Cat. No.  |
|-----------------------------------------------------------------|---------------|--------------------------------------------------|-------------------|-----------|
| Micro Slide Trays, Cardboard                                    | 20            | 20.8 x 34.1 x 9cm<br>(8 3/16 x 13 3/16 x 3 1/2") | 1/Pack<br>72/Case | 82020-913 |
| Visit <a href="http://vwr.com">vwr.com</a> for complete listing |               |                                                  |                   |           |

## VWR® Standard Solid Door Laboratory Refrigerator

- Adjustable Operating Temperature Range: 1 to 10°C (33.8 to 50°F)
- Sample simulated digital temperature display
- Audible and visual high/low temperature alarms

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Storage Capacity   | 146 kg (321 lbs.)                                    |
| Ext. Dims. (WxDxH) | 68.2 x 88.2 x 202.5cm<br>(26 7/8 x 34 3/4 x 79 3/4") |
| Electrical         | 115V, 60Hz, 6 A                                      |



| Description           | Defrost | Door Type     | No. of Shelves | Cat. No.  |
|-----------------------|---------|---------------|----------------|-----------|
| Standard Refrigerator | Cycle   | 1 Swing Solid | 4 Adjustable   | 10820-400 |

## VWR® symphony™ General Purpose Refrigerator, 510 L

- Ideal for general-purpose applications that do not require precise temperature control
- Thermostat preset to average 4°C (39°F)

|                         |                                                |
|-------------------------|------------------------------------------------|
| Defrost                 | Auto                                           |
| Doors / Shelves         | 1 Solid / 4 Fixed                              |
| Ext. Dimensions (WxDxH) | 86.4 x 80 x 172.1cm<br>(34 x 31 1/2 x 67 3/4") |
| Electrical              | 115V, 5A                                       |



| Description                           | Volume             | Shipping Weight   | Cat. No.  |
|---------------------------------------|--------------------|-------------------|-----------|
| symphony General Purpose Refrigerator | 510 L (18 cu. ft.) | 111 kg (244 lbs.) | 97018-480 |

## VWR® Explosion-Proof and Flammable Material Storage Refrigerator/Freezer Combination, 286 L

- For safe, cold storage of volatile materials
- Spark-proof, corrosion-resistant interior
- Hermetically sealed compressor
- Nonsparking magnetic door gaskets
- VWR® 2-year limited parts and labor warranty

|                              |                                            |
|------------------------------|--------------------------------------------|
| Temp. Range                  | -1 to 8°C / -20 to -12°C                   |
| Freezer Section (WxHxD)      | 30 x 46 x 41cm<br>(12 x 18 x 16 1/4")      |
| Refrigerator Section (HxWxD) | 91 x 50 x 46cm<br>(39 x 19 1/2 x 18")      |
| Ext. Dims. (HxWxD)           | 152 x 60 x 77cm<br>(60 x 23 1/2 x 30 1/2") |
| No. of Doors                 | 2                                          |
| Electrical                   | 120V, 60Hz                                 |



| Description                          | Volume             | Shipping Weight  | Cat. No.  |
|--------------------------------------|--------------------|------------------|-----------|
| Explosion-Proof Refrigerator/Freezer | 286 L (10 cu. ft.) | 68 kg (150 lbs.) | 47747-226 |

## VWR® Refrigerators with Glass Door and Natural Refrigerant, Basic

- The R290 hydrocarbon refrigerant emits zero (0) ozone depletion potential (ODP), and three (3) global warming potential (GWP)
- Units are supplied standard with the LAE temperature control, which offers exterior digital display and alarm function



**NEW!**

| Description           | Dim. (WxDxH)                                          | Compressor | No. of Doors | No. of Shelves | Weight            | Cat. No.  |
|-----------------------|-------------------------------------------------------|------------|--------------|----------------|-------------------|-----------|
| 651 L Refrigerator    | 68.5 x 75.8 x 199.7cm<br>(27 x 29 7/8 x 78 3/8")      | 1/2 hp     | 1            | 4              | 161 kg (355 lbs.) | 10791-618 |
| 1387.5 L Refrigerator | 137.5 x 75.8 x 199.7cm<br>(54 1/8 x 29 7/8 x 78 3/8") | 1/2 hp     | 2            | 8              | 211 kg (465 lbs.) | 10791-624 |
| 2038.8 L Refrigerator | 198.4 x 75.8 x 201.6cm<br>(78 1/8 x 29 7/8 x 79 3/8") | 1/2 hp     | 3            | 12             | 304 kg (670 lbs.) | 10791-626 |

## VWR® Chromatography Refrigerators with Glass Doors and Natural Refrigerant, Basic

- Units maintain an average temperature of 3-5°C (37-41°F)
- White interior
- Equipped with energy efficient thermal insulated swinging glass doors
- 3-year parts and labor warranty



**NEW!**

| Model           | 651 L                                            | 1387.5 L                                              | 2038.8 L                                              |
|-----------------|--------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Dims. (WxDxH)   | 68.5 x 75.8 x 199.7cm<br>(27 x 29 7/8 x 78 3/8") | 137.5 x 75.8 x 199.7cm<br>(54 1/8 x 29 7/8 x 78 3/8") | 198.4 x 75.8 x 201.6cm<br>(78 1/8 x 29 7/8 x 79 3/8") |
| Compressor      | 1/2 hp                                           | 1/2 hp                                                | 1/2 hp                                                |
| Electrical      | 115V, 5.4A                                       | 115V, 8.5A                                            | 115V, 6.5A                                            |
| Shipping Weight | 161 kg (355 lbs.)                                | 211 kg (465 lbs.)                                     | 286 kg (630 lbs.)                                     |

| Description                 | Volume                | Doors | Shelves      | Cat. No.  |
|-----------------------------|-----------------------|-------|--------------|-----------|
| Chromatography Refrigerator | 651 L (23 cu. ft.)    | 1     | 4 Full Size  | 10791-614 |
| Chromatography Refrigerator | 1387.5 L (49 cu. ft.) | 2     | 8 Full Size  | 10791-622 |
| Chromatography Refrigerator | 2038.8 L (72 cu. ft.) | 3     | 12 Full Size | 10791-628 |

## VWR® General Purpose Chromatography Refrigerator, 1274 L

- Adjustable temperature range: 1 to 12°C (34 to 54°F)
- 2.5cm (1") rear access port
- Two 5cm (2") side access ports
- Electrical: 120V/60Hz



| Description                                 | Volume              | Color                             | Door Type            | Cat. No.  |
|---------------------------------------------|---------------------|-----------------------------------|----------------------|-----------|
| General Purpose Chromatography Refrigerator | 1274 L (45 cu. ft.) | White Painted Interior & Exterior | Double Sliding Doors | 89209-824 |

## VWR® Manual Defrost Laboratory Freezers

- Features a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies

|                  |                                                  |
|------------------|--------------------------------------------------|
| <b>566 L</b>     | 86.4 x 82.7 x 186cm<br>(34 x 32 5/8 x 73 1/4")   |
| <b>850 L</b>     | 90.8 x 87 x 184cm<br>(35 3/4 x 34 1/4 x 72 1/2") |
| <b>Door type</b> | 1 Solid Swinging                                 |



**NEW!**

| Description            | Volume                 | Temp. | Shelves               | Electrical      | Shipping Weight     | Cat. No.         |
|------------------------|------------------------|-------|-----------------------|-----------------|---------------------|------------------|
| Manual Defrost Freezer | 566 Liter (20 cu. ft.) | -20°C | 4 Fixed               | 115V, 60Hz, 5 A | 100.2 kg (221 lbs.) | <b>10819-388</b> |
| Manual Defrost Freezer | 566 Liter (20 cu. ft.) | -30°C | 4 Fixed               | 115V, 60Hz, 5 A | 87.5 kg (193 lbs.)  | <b>10819-408</b> |
| Manual Defrost Freezer | 850 Liter (30 cu. ft.) | -30°C | 3 Fixed, 2 Adjustable | 115V, 60Hz, 6 A | 87.5 kg (193 lbs.)  | <b>10819-410</b> |

## VWR® Ultra-Low Temp. Upright Freezers & Freezer Packages, -86° to -50°C

- Microprocessor temperature control system
- Advanced monitor/alarm system
- Automatic voltage compensator
- Cascade refrigeration system
- Non-CFC, non-HFCF, nonflammable refrigerants
- VWR® 2-year limited parts and labor warranty
- VWR® 5-year warranty on compressor parts



**NEW!**

| Volume                                                                                  | Electrical     | Exterior Dims. (WxHxD)                             | Amps/ Breaker | Shipping Weight     | Cat. No.         |
|-----------------------------------------------------------------------------------------|----------------|----------------------------------------------------|---------------|---------------------|------------------|
| <b>ULT Upright Freezers</b>                                                             |                |                                                    |               |                     |                  |
| 490 Liter                                                                               | 120V, 60Hz     | 85 x 198 x 94cm (33 1/4 x 78 x 37")                | 16/20         | 358 kg (790 lbs.)   | <b>10160-728</b> |
| 651 Liter                                                                               | 120V, 60Hz     | 104 x 198 x 94cm (41 x 78 x 37")                   | 16/20         | 390 kg (860 lbs.)   | <b>10160-732</b> |
| 651 Liter                                                                               | 208/230V, 60Hz | 103.5 x 197.8 x 99.5cm (40 3/4 x 77 7/8 x 39 1/4") | 12/15         | 390 kg (860 lbs.)   | <b>10160-734</b> |
| 793 Liter                                                                               | 208/230V, 60Hz | 119 x 198 x 94cm (46 25/32 x 77 13/16 x 37")       | 12/15         | 444.5 kg (980 lbs.) | <b>10160-736</b> |
| <b>ULT Upright Freezer Packages, with 2 Shelves of Sliding Drawer Racks &amp; Boxes</b> |                |                                                    |               |                     |                  |
| 490 Liter                                                                               | 120V, 60Hz     | 85 x 198 x 94cm (33 1/4 x 78 x 37")                | 16/20         | 358 kg (790 lbs.)   | <b>10160-760</b> |
| 651 Liter                                                                               | 120V, 60Hz     | 104 x 198 x 94cm (41 x 78 x 37")                   | 16/20         | 390 kg (860 lbs.)   | <b>10160-764</b> |
| 651 Liter                                                                               | 208/230V, 60Hz | 104 x 198 x 94cm (41 x 78 x 37")                   | 12/15         | 390 kg (860 lbs.)   | <b>10160-766</b> |
| 793 Liter                                                                               | 208/230V, 60Hz | 119 x 198 x 94cm (46 25/32 x 77 13/16 x 37")       | 12/15         | 444.5 kg (980 lbs.) | <b>10160-768</b> |

## VWR® CryoPro® Rack System, BR Series & BR Series Promotion Package

- Vial storage in boxes (sold separately) allows for quick and accurate inventorying and recovery of specimens
- BR-1 System can hold 25-cell cardboard or plastic boxes
- BR-2, BR-3, and BR-4 systems can hold 100-cell cardboard or plastic boxes
- Low nitrogen loss



| CryoPro Rack System            | BR-1                         | BR-2                       | BR-3                       | BR-4                           |
|--------------------------------|------------------------------|----------------------------|----------------------------|--------------------------------|
| <b>Dimensions (H x O.D.)</b>   | 67.3 x 50.8cm (26 1/2 x 20") | 68 x 55.9cm (26 3/4 x 22") | 95 x 55.9cm (37 3/8 x 22") | 95 x 65.5cm (37 3/8 x 26 1/8") |
| <b>Neck Diameter</b>           | 12.7cm (5")                  | 21.6cm (8 1/2")            | 21.6cm (8 1/2")            | 21.6cm (8 1/2")                |
| <b>Static Evaporation Rate</b> | 0.39 L/Day                   | 0.85 L/Day                 | 0.99 L/Day                 | 0.99 L/Day                     |

| Description                                 | Liquid Nitrogen Capacity | Capacity                                | Cat. No.         |
|---------------------------------------------|--------------------------|-----------------------------------------|------------------|
| CryoPro® BR-3 Rack System Promotion Package | 121 Liter                | 5000 Vials (2mL), In a Manual Fill Tank | <b>10027-530</b> |
| CryoPro® BR-1 Rack System                   | 47 Liter                 | 875 x 2 mL Vials                        | <b>55709-208</b> |
| CryoPro® BR-2 Rack System                   | 61 Liter                 | 2500 x 2 mL Vials                       | <b>55709-210</b> |
| CryoPro® BR-4 Rack System                   | 175 Liter                | 7000 x 2 mL Vials                       | <b>55790-214</b> |
| <b>Accessories</b>                          |                          |                                         |                  |
| 5-Wheel Rollerbase for BR-1                 |                          |                                         | <b>55709-262</b> |
| 5-Wheel Rollerbase for BR-2                 |                          |                                         | <b>55709-264</b> |
| 5-Wheel Rollerbase for BR-3                 |                          |                                         | <b>55709-266</b> |
| 5-Wheel Rollerbase for BR-4                 |                          |                                         | <b>55709-268</b> |

## VWR® Stainless Steel Upright Freezer Racks for 2" Boxes

- Sturdy handles
- Identification labels for inventory purposes
- Side access or drawer configurations



| Description                          | Cap. (DxH) | Dimensions (LxHxD)                           | Style       | Cat. No.         |
|--------------------------------------|------------|----------------------------------------------|-------------|------------------|
| SS Upright Freezer Rack for 2" Boxes | 4 x 4 = 16 | 549 x 226 x 140mm (21 5/8 x 8 7/8 x 5 1/2")  | Side Access | <b>89206-892</b> |
| SS Upright Freezer Rack for 2" Boxes | 4 x 5 = 20 | 550 x 280 x 140mm (21 5/8 x 11 x 5 1/2")     | Side Access | <b>89214-646</b> |
| SS Upright Freezer Rack for 2" Boxes | 3 x 4 = 12 | 419 x 240 x 140mm (16 1/2 x 9 7/16 x 5 1/2") | Drawer      | <b>89214-658</b> |
| SS Upright Freezer Rack for 2" Boxes | 4 x 4 = 16 | 559 x 240 x 140mm (22 x 9 7/16 x 5 1/2")     | Drawer      | <b>89214-664</b> |
| SS Upright Freezer Rack for 2" Boxes | 4 x 5 = 20 | 559 x 300 x 140mm (22 x 11 13/16 x 5 1/2")   | Drawer      | <b>89214-666</b> |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Stainless Steel Upright Freezer Racks with Drawer for 15 & 50 mL Tubes

- Sturdy handles
- Identification labels for inventory purposes



| Description                                         | Capacity | Dims. (LxHxD)                                 | Cat. No.         |
|-----------------------------------------------------|----------|-----------------------------------------------|------------------|
| SS Upright Freezer Rack with Drawer for 50 mL Tubes | 60       | 419 x 252 x 140mm (16 1/2 x 9 13/16 x 5 1/2") | <b>89214-724</b> |
| SS Upright Freezer Rack with Drawer for 50 mL Tubes | 78       | 559 x 252 x 140mm (22 x 9 13/16 x 5 1/2")     | <b>89214-726</b> |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Built-In Undercounter Laboratory Refrigerator, 130 Liter

- Temp. Range: 0 to 10°C (32 to 50°F)
- Microprocessor digital temperature controller
- Solid door
- Forced draft circulation
- Cycle defrost
- Remote alarm contacts
- Audible and visual alarm package
- Dims. (HxWxD): 84.8 x 60.3 x 61cm



| Description                        | Vol.      | Electrical | Cat. No.  |
|------------------------------------|-----------|------------|-----------|
| Built-In Undercounter Refrigerator | 130 Liter | 120V, 5A   | 89425-604 |

## VWR® General-Purpose Freestanding Undercounter Laboratory Refrigerator, 127 Liter

- Temp. Range: 0 to 10°C (32 to 50°F)
- Designed for general-purpose applications
- Solid door
- Cycle Defrost
- Dims. (HxWxD): 54.6 x 57.2 x 85cm
- 2-year parts and labor warranty
- 3-year warranty on compressor parts



| Description                            | Vol.      | Electrical | Cat. No.  |
|----------------------------------------|-----------|------------|-----------|
| Freestanding Undercounter Refrigerator | 127 Liter | 120V, 5A   | 89425-620 |

## VWR® Built-In Undercounter Laboratory Freezers, 119 Liter

- Temp. Range: -25 to -15°C (-13 to 5°F)
- Microprocessor digital temperature controller
- Forced draft circulation
- Solid door
- Manual defrost
- Remote alarm contacts
- Audible and visual alarm package
- Dims. (HxWxD): 60.3 x 62.2 x 84.7cm



| Description                                                    | Vol.      | Electrical | Cat. No.  |
|----------------------------------------------------------------|-----------|------------|-----------|
| Built-In Undercounter Freezer, Stainless Steel Exterior Finish | 119 Liter | 120V, 5A   | 89425-612 |
| Built-In Undercounter Freezer, White Exterior Finish           | 119 Liter | 120V, 5A   | 89425-610 |

## VWR® General-Purpose Freestanding Undercounter Laboratory Freezer, 113 Liter

- Temp. Range: -25 to -15°C (-13 to 5°F)
- Solid door
- Manual defrost
- Dims. (HxWxD): 54.6 x 57.2 x 85cm
- VWR® 2-year parts and labor warranty
- VWR® 5-year compressor parts warranty



| Description                                       | Vol.      | Electrical | Cat. No.  |
|---------------------------------------------------|-----------|------------|-----------|
| General-Purpose Freestanding Undercounter Freezer | 113 Liter | 120V, 5A   | 89425-622 |

## VWR® B.O.D. Low Temperature Refrigerated Incubators, 566 Liter

- Microprocessor control with easy-to-read display shows actual temperature within 0.1°C
- Temperature Range: -10 to 50°C
- Forced-air circulation delivers excellent temperature stability
- CFC-free, foamed polyurethane insulation prevents heat loss
- RTD temperature probe and protected setpoint mode prevent accidental temperature change
- Door lock protects samples
- Easy-to-clean, corrosion-resistant construction
- Compressor relay conserves energy
- 2-year warranty



**NEW!**

| Description                        | Volume    | Ext. Dims. (DxWxD)                       | Int. Dims. (DxWxD)                         | Cat. No.  |
|------------------------------------|-----------|------------------------------------------|--------------------------------------------|-----------|
| B.O.D. Low Temp. Refrig. Incubator | 566 Liter | 78.7 x 86.4 x 195.6cm<br>(31 x 34 x 77") | 50.8 x 67.3 x 144.8cm<br>(20 x 26.5 x 57") | 10753-894 |

## VWR® B.O.D. Refrigerated Peltier Incubator, High Efficiency, 546 Liter

- Offers a 78% reduction in energy consumption
- Provide improved temperature uniformity, digital temperature controller with display, and over temperature limit control
- Temp. Range: 15°C to 40°C at 20°C Ambient
- Compressor-free design
- One internal outlet
- 300 bottle capacity
- 5 shelves



| Description                           | Volume    | Ext. Dims. (WxDxH)                           | Int. Dims. (WxDxH)                           | Cat. No.  |
|---------------------------------------|-----------|----------------------------------------------|----------------------------------------------|-----------|
| B.O.D. Refrigerated Peltier Incubator | 546 Liter | 76.2 x 80 x 176.6cm<br>(30.0 x 31.5 x 69.5") | 64.8 x 61 x 138.4cm<br>(25.5 x 24.0 x 54.5") | 89510-746 |

## VWR® High-Purity Two-Stage Gas Regulators, Brass

- Suitable for high-purity applications
- Two-stage design for constant outlet pressure
- Stainless steel diaphragm prevents contaminations
- One-piece PTFE encapsulated seat design with sintered filter



|                         |                                                |
|-------------------------|------------------------------------------------|
| Body Ports              | 0.6cm (1/4") NPT                               |
| Dual Scale Gauges       | 5cm (2") psi/bar                               |
| Maximum Inlet Pressure  | 3000 psig                                      |
| Delivery Pressure Gauge | 1-125 psig                                     |
| Outlet Type             | Diaphragm Valve with 0.6cm (1/4") Tube Fitting |

| Description             | Gas                     | Flow Capacity Standard | Inlet CGA | Cat. No.  |
|-------------------------|-------------------------|------------------------|-----------|-----------|
| Two-Stage Gas Regulator | Argon, Nitrogen, Helium | 1020 CFH/1220 CFH/3200 | 580       | 55850-624 |

Visit [vwr.com](http://vwr.com) for complete listing

## EQUIPMENT

### VWR® Air Jacketed CO<sub>2</sub> Incubator

- Removable water pan and four shelves included
- In-chamber HEPA filtration airflow design
- Overnight 140°C sterilization cycle for easy cleaning and reliable decontamination
- In-chamber probes and sensors for precise control
- Choice of long lasting TC or independent IR CO<sub>2</sub> sensor
- Dual stack configurations include mobile support stand and stacking kit to maximize lab space
- 3-year part and labor warranty



**NEW!**

| Description                          | Volume      | Ext. / Int. Dims. (WxHxD)             | Cat. No.  |
|--------------------------------------|-------------|---------------------------------------|-----------|
| Air Jacket CO <sub>2</sub> Incubator | 6.5 cu. ft. | 26.3 x 39.5 x 25" / 21.3 x 26.8 x 20" | 10810-902 |

Visit [vwr.com](http://vwr.com) for complete listing

### VWR® Water Jacketed CO<sub>2</sub> Incubator

- 6.5 cu. ft. internal chamber volume
- Supplied with four removable stainless steel shelves and water pan
- In-chamber HEPA filtration airflow designed to protect samples from airborne contaminants during routine access
- Fan-assisted airflow and in-chamber sensors maintains uniform and stable growth environment
- Choice of long lasting TC or independent IR CO<sub>2</sub> sensors
- Dual temperatures for over-temperature protection
- Dual stack configurations include mobile support stand and stacking kit to maximize lab space
- 3-year part and labor warranty



**NEW!**

| Description                              | Volume      | Ext. / Int. Dims. (WxHxD)             | Cat. No.  |
|------------------------------------------|-------------|---------------------------------------|-----------|
| Water Jacketed CO <sub>2</sub> Incubator | 6.5 cu. ft. | 26.3 x 39.5 x 25" / 21.3 x 26.8 x 20" | 10810-744 |

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### VWR® Forced Air Microbiological Incubator, 178 Liter

- Outstanding temperature stability and uniformity
- Protects your valuable samples
- 2 perforated stainless steel shelves included
- Standard access port for monitoring and use of electrical equipment inside unit



|                   |                             |
|-------------------|-----------------------------|
| Temp. Range       | Ambient +10 to 75°C         |
| Heat-Up Time      | 30 min. to 37°C             |
| Temp. Uniformity  | ± 0.4 (based on 27 sensors) |
| Recovery Time     | 2.5 min.                    |
| Temp. Fluctuation | ± 0.1°C                     |

| Description                          | Volume    | Ext. / Int. Dims. (HxWxD)     | Cat. No.  |
|--------------------------------------|-----------|-------------------------------|-----------|
| Forced Air Microbiological Incubator | 178 Liter | 36 x 25 x 29" / 47 x 38 x 31" | 89511-428 |

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### VWR® Air Jacketed CO<sub>2</sub> Incubator, Basic

- 5.3 cu. ft. stainless steel internal chamber volume with three standard shelves
- On-demand 90°C moist heat decontamination cycle for simplified cleaning
- Fan-assisted airflow and in-chamber sensors maintain a uniform and stable growth environment
- Dual temperature probes for over-temperature protection and TC CO<sub>2</sub> sensor
- 3-year part and labor warranty



**NEW!**

| Description                            | Volume      | Ext. / Int. Dims. (WxHxD)           | Cat. No.  |
|----------------------------------------|-------------|-------------------------------------|-----------|
| Air Jacketed CO <sub>2</sub> Incubator | 5.3 cu. ft. | 25 x 24 x 30" / 18.5 x 23.9 x 20.9" | 10810-888 |

### VWR® Vacuum Oven, 19.8 L

- Radiant warm-wall heating system optimizes uniformity and conserves chamber space for drying, curing, vacuum embedding and plating applications
- Temp. Range: Ambient +10° to 220°C
- Temp. Uniformity: ±6.0°C at 150°C, 25 in.Hg
- Polycarbonate safety shield protects door glass
- Vacuum level is displayed on gauges from 0 to 30in.Hg
- Vacuum and air lines are corrosion-resistant stainless-steel tubing
- 2-year warranty



| Description | Volume                   | Ext. / Int. Dims. (WxDxH)          | Cat. No.  |
|-------------|--------------------------|------------------------------------|-----------|
| Vacuum Oven | 0.7 cu. ft. (19.8 Liter) | 19.8 x 16 x 16.25" / 10 x 12 x 10" | 89508-426 |

### VWR® General Purpose Water Baths

- Temperature range: Ambient +5° to 99°C
- Temperature stability: ±0.1°C
- Built-in countdown timer
- Programmable timer, high limit, calibration/temperature offset, and audible alarm standard
- Includes lid and removable bottom diffuser tray
- 2-year warranty



| Description         | Overall Dim. (LxWxH)                     | Working Access (LxWxD)                    | Watts / Electrical              | Cat. No.  |
|---------------------|------------------------------------------|-------------------------------------------|---------------------------------|-----------|
| 5 Liter Water Bath  | 36.8 x 30.5 x 34.3cm (14.5 x 12 x 13.5") | 12.7 x 27.4 x 14.0cm (5 x 10.8 x 5.5")    | 360W (heater) 120V, 60Hz, 3.5A  | 89501-464 |
| 10 Liter Water Bath | 39.3 x 43.2 x 39.3cm (15.5 x 17 x 15.5") | 26.9 x 29.5 x 14.0cm (10.6 x 11.6 x 5.5") | 1000W (heater) 120V, 60Hz, 9.0A | 89501-468 |

### VWR® Refrigerated Circulating Bath, -20°C

- Offer precise temperature control
- Temperature range: -20° to 135°C
- Temperature stability: ±0.07°C
- Cooling capacity: 200W (at 20°C)
- Working Access: (LxWxD): 15.7 x 14.2 x 12.7cm
- Dims: (LxWxH): 54.1 x 22.1 x 64.5cm



| Description                                | Volume  | Electrical   | Cat. No.  |
|--------------------------------------------|---------|--------------|-----------|
| Refrigerated Circulator with MX Controller | 7 Liter | 120VAC, 60Hz | 89202-966 |

## VWR® Advanced Mini Dry Block Heater and Mini Dry Block Heater with Heated Lid

- Heated lid option reduces condensation on sample lids
- Compact, ergonomic design
- Six modular block options
- 5-year warranty



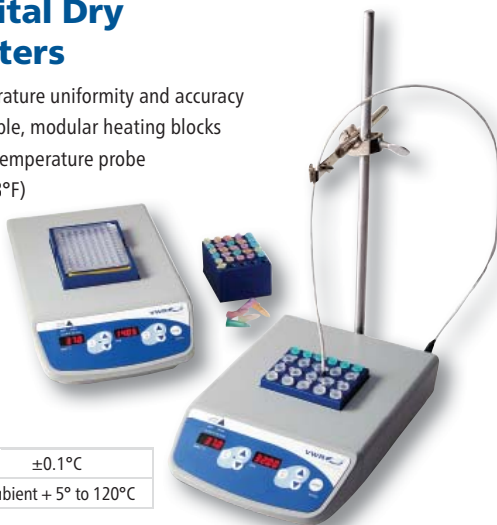
|                         |                     |
|-------------------------|---------------------|
| <b>Dims. (DxWxH)</b>    | 16 x 12.7 x 12.7cm  |
| <b>Shipping Weight</b>  | 1.6 kg (3.5 lbs.)   |
| <b>Temp. Range</b>      | Ambient +5 to 100°C |
| <b>Temp. Uniformity</b> | ±0.2°C              |
| <b>Electrical</b>       | 120V, 50/60Hz, 80W  |

| Description                                | Cat. No.  |
|--------------------------------------------|-----------|
| Advanced Mini Block Heater                 | 10153-318 |
| Advanced Mini Block Heater with Heated Lid | 10153-348 |
| <b>Accessory</b>                           |           |
| Mini Block for 15 x 1.5 mL Tubes           | 10153-364 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Digital Dry Block Heaters

- Exceptional temperature uniformity and accuracy
- Hold interchangeable, modular heating blocks
- Optional external temperature probe
- Heat to 120°C (248°F)
- LED display
- Best in Class, Exclusive 5-year warranty



|                        |                       |
|------------------------|-----------------------|
| <b>Temp. Stability</b> | ±0.1°C                |
| <b>Temp. Range</b>     | Ambient + 5° to 120°C |

| Description              | Cap.     | Dims. (LxDxH)                               | Electrical          | Shipping Weight   | Cat. No.  |
|--------------------------|----------|---------------------------------------------|---------------------|-------------------|-----------|
| Digital Dry Block Heater | 2 Blocks | 39.1 x 20.3 x 8.9cm (15 1/2 x 8 x 3 1/2")   | 120V, 50/60Hz, 210W | 2.9 kg (6.4 lbs.) | 12621-088 |
| Digital Dry Block Heater | 4 Blocks | 42.9 x 20.3 x 8.9cm (16 29/32 x 8 x 3 1/2") | 120V, 50/60Hz, 310W | 3.9 kg (8.5 lbs.) | 12621-096 |

## VWR® Low Profile Magnetic Stirrer

- Variable speed: 15 to 1500rpm
- Top Plate Dims.: 4 3/16 x 4 3/16"
- Capacity: 500 mL at 1500rpm, with 7 x 20mm Stir Bar
- Designed with a high level of waterproofing protection
- Dims. (LxWxH): 6 7/8 x 4 7/8 x 1 3/16"
- VWR® 2-year warranty



| Description                  | Electrical | Cat. No.  |
|------------------------------|------------|-----------|
| Low Profile Magnetic Stirrer | 110V, 60Hz | 10153-690 |

## VWR® Mini Hotplate

- Rugged 5 x 5" aluminum top plate
- Boils 300 mL of water in 16 minutes
- Temperature range: Up to 375°C
- Dims. (LxWxH): 20 x 15.2 x 12.4cm
- 5-year warranty on parts and labor



| Description   | Max. Capacity | Electrical    | Cat. No.  |
|---------------|---------------|---------------|-----------|
| Mini Hotplate | 1000 mL       | 120V, 50/60Hz | 10153-300 |

## VWR® Mini Hotplate Stirrer

- 100-1200rpm
- Rugged 5 x 5" aluminum top plate
- Boils 300 mL of water in 16 minutes
- Temperature range: Up to 375°C
- Dims. (LxWxH): 20 x 15.2 x 12.4cm
- 5-year warranty on parts and labor



| Description           | Max. Capacity | Electrical    | Cat. No.  |
|-----------------------|---------------|---------------|-----------|
| Mini Hotplate Stirrer | 1000 mL       | 120V, 50/60Hz | 10153-308 |

## VWR® Standard Hot Plate Stirrer

- Excellent temperature uniformity
- 7" x 7" ceramic top
- Speed range: 60 to 1600rpm
- Microprocessor controlled
- Temp. range: 5° + ambient to 500°C
- Cool touch, chemical-resistant housing
- Dims. (WxLxH): 25.1 x 37.6 x 10.9cm
- Best in Class, Exclusive 5-Year Warranty



| Description                | Max. Capacity | Electrical        | Cat. No.  |
|----------------------------|---------------|-------------------|-----------|
| Standard Hot Plate Stirrer | 2500 mL       | 120V, 1000W, 8.3A | 97042-634 |

## VWR® Advanced Hot Plate Stirrer

- LED display for temperature
- Excellent temperature uniformity
- 7" x 7" ceramic top
- Speed range: 60 to 1600rpm
- Microprocessor controlled
- Temp. range: 5° + ambient to 500°C
- Cool touch, chemical-resistant housing
- Dims. (WxLxH): 25.1 x 37.6 x 10.9cm
- Best in Class, Exclusive 5-year warranty



| Description                | Max. Capacity | Electrical        | Cat. No.  |
|----------------------------|---------------|-------------------|-----------|
| Advanced Hot Plate Stirrer | 2500 mL       | 120V, 1000W, 8.3A | 97042-642 |

## VWR® A-Series Balances

- State-of-the-art features for advanced weighing and documentation
- Internal calibration
- Multiple weigh modes
- Advanced communication features

|                    |                           |
|--------------------|---------------------------|
| Interfaces         | RS232 (2), USB-A, USB-B   |
| Operating Temp.    | 10 to 40°C (50 to 104°F)  |
| Power Requirements | 100-240VAC, 50/60Hz, 0.6A |



**NEW!**

| Description      | Capacity | Linearity | Readability | Repeatability (Std. Dev.) | Cat. No.  |
|------------------|----------|-----------|-------------|---------------------------|-----------|
| A-Series Balance | 160 g    | 0.2 mg    | 0.1 mg      | 0.1 mg                    | 10204-960 |
| A-Series Balance | 220 g    | 0.2 mg    | 0.1 mg      | 0.1 mg                    | 10204-962 |
| A-Series Balance | 310 g    | 0.2 mg    | 0.1 mg      | 0.1 mg                    | 10204-964 |

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## VWR® E-Series Balance

- Sturdy construction, simple operation, advanced microprocessor technology, and multiple weigh modes

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Interfaces         | RS232                                                        |
| Operating Temp.    | 15 to 35°C (50 to 86°F)                                      |
| Power Requirements | 100-240VAC, 50/60Hz, 12VDC, or 6 AA Batteries (not included) |



**NEW!**

| Description      | Capacity | Linearity | Readability | Repeatability (Std. Dev.) | Cat. No.  |
|------------------|----------|-----------|-------------|---------------------------|-----------|
| E-Series Balance | 3000 g   | 0.03 g    | 0.01 g      | 0.01 g                    | 10204-992 |

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## VWR® Spectrophotometer, Basic

- Large LCD display (128 × 64 pixels)
- Save up to total 200 results and 200 standard curves
- Application software, allows PC control of the spectrophotometers, includes the following methods: Basic mode, quantitative, wavelength scan, kinetics, multi-wavelength, DNA/protein
- Variety of optional accessories including an automatic 8-cell changer



|                                       |                                                                |
|---------------------------------------|----------------------------------------------------------------|
| Interfaces                            | USB port to PC / parallel port to printer                      |
| Optical system                        | Single beam, grating 1200 lines/mm silicon photodiode detector |
| Photometric Accuracy / Range          | ±0,5% T / -0,3 to 3 A; 0 - 200% T                              |
| Photometric reproducibility           | ±0,2% T                                                        |
| Photometric stability                 | ±0,002 A/h @ 500 nm                                            |
| Spectral bandwidth                    | 4 nm                                                           |
| Wavelength / Accuracy / Repeatability | 190 - 1100 nm / ±0,5 nm / ≤0,3 nm                              |
| Dims. (WxDxH) / Electrical            | 490 × 360 × 240mm / 120V                                       |

| Description                                    | Light Type                                         | Cat. No.  |
|------------------------------------------------|----------------------------------------------------|-----------|
| UV-1600PC Basic Vis Scanning Spectrophotometer | Deuterium/Tungsten Halogen, ±0,05% T @ 220, 360 nm | 10037-436 |

## VWR® symHony™ Benchtop pH Meters

- Simple to operate and maintain
- Consistently accurate and reliable measurements
- Configurable to each user's unique needs
- VWR® 3-year limited warranty



|                                |                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity Accuracy          | ≤ 0.5% m.v. ± 1 digit                                                                                                                                             |
| Conductivity Range             | 0.001 µS/cm to 1000 mS/cm                                                                                                                                         |
| Conductivity Resolution        | Variable, autorange                                                                                                                                               |
| Dissolved Oxygen Range         | 0.00 to 60.0 mg/L                                                                                                                                                 |
| DO Accuracy                    | ≤ 0.5% m.v. ± 1 digit                                                                                                                                             |
| DO Resolution                  | 0.01 mg/L in the range of 0.00 to 19.99 mg/L<br>0.1 mg/L in the range of 20.0 to 60.0 mg/L<br>0.1 % in the range of 0.0 to 19.9%<br>1% in the range of 20 to 600% |
| DO Salinity Range              | Automatic, with manual data entry (0-45 ppt)                                                                                                                      |
| ISE Range                      | 10 <sup>-5</sup> to 10 <sup>-1</sup> mol/L                                                                                                                        |
| ISE Units                      | mol/L, M, g/L, mg/L, µg/L, mmol/L, mM, µmol/L, or %                                                                                                               |
| pH Accuracy, Range, Resolution | ≤ 0.002 pH (± 1 digit), -2 to 19, 0.1/0.01/0.001                                                                                                                  |
| Resistivity Accuracy           | ≤ 0.5% m.v. ± 1 digit                                                                                                                                             |
| Resistivity Range              | 0.0001 to 100 MΩ                                                                                                                                                  |
| Resistivity Resolution         | Variable, autorange                                                                                                                                               |

| Description                                              | Includes                                                             | Cat. No.  |
|----------------------------------------------------------|----------------------------------------------------------------------|-----------|
| B10P Benchtop pH Meter                                   |                                                                      | 89231-662 |
| <b>Benchtop Meter Kits</b>                               |                                                                      |           |
| B10P Benchtop pH Meter with pH Probe                     | B10P Meter (89231-662) and Refillable Glass pH Electrode (89231-580) | 89231-664 |
| B10C Benchtop Conductivity Meter with Conductivity Probe | B10C Meter (89231-676) and Conductivity Probe (89231-614)            | 89231-678 |

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## VWR® Spectrophotometer, UV-VIS

- Large LCD display (320 × 240 pixels)
- Full scan mode
- Save up to total 200 results and 200 standard curves
- Easily accessible USB port for data import and export
- Supplied application software 'UV-Vis Analyst' allows PC control of the spectrophotometer
- Methods for PC control or standalone include: Basic mode, quantitative, wavelength scan, kinetics, multi-wavelength, DNA/protein
- Variety of accessories includes an automatic 8-cell changer and Peltier thermostatted single cell holder



|                                       |                                                                |
|---------------------------------------|----------------------------------------------------------------|
| Interfaces                            | USB port to PC / parallel port to printer                      |
| Optical system                        | Single beam, grating 1200 lines/mm silicon photodiode detector |
| Photometric Accuracy/Range            | ≤±0,5% T or 0,005 A at 1 A                                     |
| Photometric reproducibility           | ±0,2% T                                                        |
| Photometric stability                 | ±0,002 A/h @ 500 nm                                            |
| Scan speed (nm/min)                   | Low, medium, high (max. 3000 nm/min)                           |
| Wavelength / Accuracy / Repeatability | 190-1100nm / ±0,5 nm / ≤0,2 nm                                 |
| Dims. (WxDxH) / Electrical            | 490 × 360 × 240mm / 120V                                       |

| Description                                 | Light Type                                                     | Cat. No.  |
|---------------------------------------------|----------------------------------------------------------------|-----------|
| UV-1300PC UV/VIS Scanning Spectrophotometer | Deuterium/Tungsten Halogen, Stray Light ±0,05% T @ 220, 360 nm | 10037-438 |

## VWR® Mini Centrifuge

- 8500rpm
- 8-place and 4 x 8 PCR strip rotor
- Recessed rotor bowl for spill containment
- Quick release rotor
- Dual safety lock lid
- 2-year warranty

**NEW!**

| Description     | Electrical        | Cat. No.  |
|-----------------|-------------------|-----------|
| Mini Centrifuge | 100-240V, 50/60Hz | 10067-588 |

## VWR® Plate Centrifuge

- 2500rpm
- 0-10 minute timer
- Easy-to-load horizontal rotor
- Unit quickly spins down droplets in PCR plates
- Recessed rotor bowl for spill containment
- 2-year warranty

**NEW!**

| Description      | Maximum Capacity                                                | Electrical | Cat. No.  |
|------------------|-----------------------------------------------------------------|------------|-----------|
| Plate Centrifuge | 2 x 2 PCR Plates, 2 x Microtiter Plates, 24 x 0.2 mL PCR Strips | 110V       | 10144-214 |

## VWR® Compact Micro Centrifuges

- 15,000rpm
- Refrigerated model with pre-cool function available
- Robust and steady temperature control
- Short run-up and run-down times
- Pulse button for short centrifugation runs
- 5-year extended warranty on the centrifuge powertrain
- Rotor options sold separately

**NEW!**

| Description                    | Dimensions    | Temp. Range                                 | Cat. No.  |
|--------------------------------|---------------|---------------------------------------------|-----------|
| Micro Centrifuge               | 10 x 11 x 13" | —                                           | 10799-122 |
| Micro Centrifuge, Refrigerated | 10 x 11 x 22" | -10 to +40°C, down to +4°C in 10 to 15 min. | 10799-170 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Mini Vortex Mixer

- 3000rpm for powerful vortex mixing
- 4.5mm orbit
- Touch activated for simple operation
- Dimensions: 3 13/16 x 3 3/8"
- VWR® 2-year warranty



| Description       | Capacity | Electrical | Cat. No.  |
|-------------------|----------|------------|-----------|
| Mini Vortex Mixer | 80 mL    | 110V, 60Hz | 10153-688 |

## VWR® Analog Vortex Mixer

- 300 to 3200rpm
- 4.9mm orbit
- All models include a cup head and 3" platform
- Dimensions: 7 x 4.4 x 5.3"
- 5-year limited warranty for parts and labor



| Description         | Electrical    | Cat. No.  |
|---------------------|---------------|-----------|
| Analog Vortex Mixer | 120V, 50/60Hz | 10153-838 |

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## VWR® Heavy-Duty Vortex Mixer

- Speed Range, On Mode: 300-2500rpm
- Speed Range, Touch Mode: 300-3500rpm
- 4.9mm orbit
- Dims. (WxLxH): 6 5/8 x 9 1/2 x 6 5/16"
- Best in Class, Exclusive 5-year warranty



Supplied with a cup head, universal holder with cover, foam insert for thirty-eight 1.5 to 2.0 mL microtubes, and a 234cm (92") detachable, 3-wire cord and plug. Additional rotisserie assemblies are sold separately.

| Description             | Capacity          | Electrical       | Cat. No.  |
|-------------------------|-------------------|------------------|-----------|
| Heavy-Duty Vortex Mixer | 1.13 kg (2.5 lbs) | 120V, 30W, 0.25A | 97043-562 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Tube Rotator and Rotisseries

- Ideal for Biochemistry, Molecular Biology, Histochemistry, and Clinical Applications
- Unique adjustable rotisseries allow for horizontal or vertical tube mixing
- Dims. (WxLxH): 9 1/2 x 7 1/8 x 9 1/32"
- Rotisserie Speed: 18rpm



Supplied with a rotisserie assembly that holds thirty-six 1.5/2.0 mL tubes as well as 2 extra paddles for 3 x 50 mL tubes and a combination of 5 x 15 mL tubes or 8 x 5/7 mL tubes as shown. Additional rotisserie assemblies are sold separately.

| Description                  | Electrical | Cat. No.  |
|------------------------------|------------|-----------|
| Tube Rotator and Rotisseries | 120V       | 10136-084 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Nutating Mixer

- Ideal for blood tubes and centrifuge tubes
- Three-dimensional motion provides thorough yet gentle mixing
- Speed range: 24rpm
- Ambient temp. range: 4 to 40°C
- Fixed tilt angle: 20°



| Description                     | Platform Dims. (WxD) | Electrical | Cat. No.  |
|---------------------------------|----------------------|------------|-----------|
| Nutating Mixer with dimpled mat | 9 3/4 x 6 3/4"       | 115V, 60Hz | 82007-202 |

## VWR® Mini Blot Mixer

- Ideal for processing blots and staining gels
- Provides thorough yet gentle mixing
- Speed Range: 18rpm
- Ambient Temp. Range: 4 to 65°C
- Motion/Pitch: 3-Dimensional/Fixed 5°



| Description        | Overall Dims. (WxDxH)           | Electrical    | Unit    | Cat. No.  |
|--------------------|---------------------------------|---------------|---------|-----------|
| Mini Blot Mixer    | 8 x 7 x 4 1/2"                  | 120V, 50/60Hz |         | 95057-436 |
| <b>Accessories</b> |                                 |               |         |           |
| Blot Boxes         | 11.7 x 8.9cm (6-10 mL capacity) |               | 10/Pack | 95057-440 |
| Blot Boxes         | 9.1 x 6.6cm (3-5 mL capacity)   |               | 10/Pack | 95057-442 |

## VWR® Analog Rocking Platform Shakers

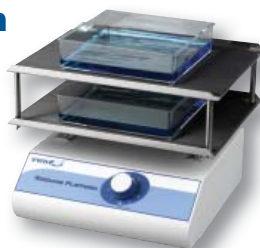
- Speed Range: 1 to 75rpm
- Platform: 14" x 11"
- Tilt Range: 0-15°
- Timer: 1-120 minutes
- Two-tier model doubles workable capacity
- 5-year warranty on parts and labor



| Description                                | Cat. No.  |
|--------------------------------------------|-----------|
| Analog Rocking Platform Shaker Single Tier | 10127-872 |
| Analog Rocking Platform Shaker Two Tier    | 10127-876 |

## VWR® Rocking Platform Shakers, Basic

- Speed Range: 4 to 160 tilts per minute
- Platform: 14" x 11"
- Tilt Range: ±20°, adjustable
- Double-tier model doubles workable capacity
- VWR® 2-year limited warranty



| Description                                       | Cat. No.  |
|---------------------------------------------------|-----------|
| Rocking Platform Shaker with Double-Tier Platform | 40000-304 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Standard Orbital Shaker

- Low Profile Design
- Speed Range: 40 to 300rpm
- Platform: 8 3/4 x 11 3/4"
- Orbit: 15mm
- Best in Class, Exclusive 5-Year Warranty



| Description                | Cat. No.  |
|----------------------------|-----------|
| Orbital Shaker, Model 1000 | 89032-088 |

## VWR® Standard Orbital Shaker

- Speed Range: 25 to 500rpm
- Platform: 13" x 11"
- Orbit: 19mm
- Continuous or Timed Operation
- Best in Class, Exclusive 5-Year Warranty



| Description                | Cat. No.  |
|----------------------------|-----------|
| Orbital Shaker, Model 3500 | 89032-092 |

Visit [vwr.com](http://vwr.com) for Stainless Steel Clamp accessory options

## VWR® Microplate Shaker

- Speed Range: 100-1200rpm
- Platform: 7 3/4 x 11"
- Orbit: 3mm
- Timer: 1 second to 160 hours
- Best in Class, Exclusive 5-Year Warranty



| Description                                 | Cat. No.  |
|---------------------------------------------|-----------|
| Microplate Shaker, holds 2 or 4 Microplates | 12620-926 |

## VWR® Mini Shaker 15

- Speed Range: 40-300rpm
- Platform: 11 3/4 x 8 3/4"
- Orbit: 15mm
- Timer: 1 second to 160 hours
- Temp. Range: -10 to 40°C (14 to 104°F)
- Best in Class, Exclusive 5-Year Warranty



| Description    | Cat. No.  |
|----------------|-----------|
| Mini Shaker 15 | 97109-890 |

Visit [vwr.com](http://vwr.com) for Stainless Steel Clamp accessory options

## VWR® Incubating Mini Shaker

- Speed Range: 100-1200rpm
- Platform Dims.: 7 3/4 x 11"
- 3mm orbit
- Temp. Range: 5° above ambient to 65°C (149°F)
- Timer: 1 second to 160 hours
- Best in Class, Exclusive 5-year warranty



| Description            | Cat. No.  |
|------------------------|-----------|
| Incubating Mini Shaker | 12620-942 |

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## VWR® Incubating Orbital Shaker

- Microprocessor Control
- 19mm orbit
- Temp. Range: 5° above ambient to 65°C (149°F)
- Timer: 1 second to 160 hours
- Platform: 11" x 13"
- Triple Eccentric Drive with Brushless Motor
- Best in Class, Exclusive 5-Year Warranty



| Description                 | Cat. No.  |
|-----------------------------|-----------|
| Orbital Shaker, Model 35001 | 12620-946 |

Visit [vwr.com](http://vwr.com) for Stainless Steel Clamp accessory options

## VWR® Signature™ Incubating/Cooling Shaker

- Optimized for Shaking Microplates, Tubes, and Vials
- Speed Range: Microplates 100-1200rpm  
Modular Blocks 100-600rpm
- 3mm orbit
- Temp. Range: 10° below ambient to 65°C (149°F)
- Timer: 1 second to 160 hours
- Best in Class, Exclusive 5-year warranty



| Description                         | Cat. No.  |
|-------------------------------------|-----------|
| Signature Incubating/Cooling Shaker | 12620-934 |

## VWR® Safety Cabinets for Flammables and Corrosives

- Fully welded, 18-gauge double-wall construction for fire protection
- Upper and lower diametrically opposed side vents
- All models fire tested and approved by FM Global



| Description                 | Material        | Dims. (DxWxH)                          | Door Type  | No. of Shelves | Cat. No.  |
|-----------------------------|-----------------|----------------------------------------|------------|----------------|-----------|
| 30 Gallon Flammable Storage | Stainless Steel | 45.7 x 109.2 x 111.8cm (18 x 43 x 44") | Manual     | 1              | 89522-620 |
| 45 Gallon Flammable Storage | Stainless Steel | 45.7 x 109.2 x 165cm (18 x 43 x 65")   | Manual     | 2              | 89522-626 |
| 45 Gallon Flammable Storage | Stainless Steel | 45.7 x 109.2 x 165cm (18 x 43 x 65")   | Self Close | 2              | 89522-622 |

Visit [vwr.com](http://vwr.com) for complete listing

## VWR® Chemical Capture Filtration System

- Continuously recirculates
- Captures any potential emissions
- Eliminates hazardous vapors
- Can be integrated with a flexible duct connected to the bung port of any flammable or acid cabinet



**NEW!**

| Description                        | Dims. (WxDxH)             | Electrical | Cat. No.  |
|------------------------------------|---------------------------|------------|-----------|
| Chemical Capture Filtration System | 22 1/2 x 15 3/8 x 10 5/8" | 65 W       | 52428-821 |

## VWR® Benchtop Workstation Stations

- Sorts and stores highly used lab tools and supplies
- Built in wiper holds boxes of Kimwipes or Accuwipes wipers
- Keep supplies organized and handy at workstations
- 5 or 6 hole tool holder and document holder
- White PVC construction and clear acrylic



**NEW!**

| Description     | No. of Compartments | Dims. (WxHxD)        | Tool Slots | Weight | Unit   | Cat. No.  |
|-----------------|---------------------|----------------------|------------|--------|--------|-----------|
| BenchBooster    | 11                  | 23 3/4 x 12 x 9"     | 5          | 5 lbs. | 1/Pack | 10809-060 |
| BenchBooster XL | 16                  | 30 x 15 3/4 x 9 1/2" | 5          | 8 lbs. | 1/Pack | 10809-062 |
| TopLoader       | 8                   | 12 1/2 x 12 x 8 3/4" | 6          | 3 lbs. | 1/Pack | 10809-058 |

## VWR® Storage Carts

- Chemically resistant polyethylene
- Side storage shelves dispensing and regular
- Bulk storage area with locking highed door
- Lock drawers and bulk storage with 1 key
- Full-extension drawers with handle
- Protective Film Top
- Fully enclosed 3 casters
- No assembly required



**NEW!**

| Description      | No. of Drawers | Ext. Dims. (WxHxD)        | Weight  | Unit   | Cat. No.  |
|------------------|----------------|---------------------------|---------|--------|-----------|
| PL27 Small Cart  | 2              | 22 7/8 x 27 x 18 1/4"     | 44 lbs. | 1/Pack | 10809-050 |
| PL31 Medium Cart | 2              | 22 7/8 x 30 3/8 x 18 1/4" | 48 lbs. | 1/Pack | 10809-052 |
| PL41 Jumbo Cart  | 4              | 22 7/8 x 40 1/2 x 18 1/4" | 63 lbs. | 1/Pack | 10809-056 |

## VWR® Contour™ Upholstered Stool

- Black vinyl upholstered high-resilience foam
- Pneumatic seat adjustment
- 5.1cm (2") casters 38.1cm (15") diameter round seat
- 66cm (26") diameter composite base
- 50.8cm (20") diameter adjustable-height footring



**NEW!**

| Description               | Material | Seat Height | Shipping Weight | Unit   | Cat. No.  |
|---------------------------|----------|-------------|-----------------|--------|-----------|
| Medium Bench Height Stool | Vinyl    | 21-28"      | 25 lbs.         | 1/Pack | 80086-425 |

## VWR® Contour™ Self-Skinned Urethane Chair

- Features a waterfall front
- Pneumatic seat-height adjustment
- 5.1cm (2") casters, and backrest tilt
- 66cm (26") diameter composite base with casters
- Backrest has ventilating ribs and integral lumbar support to resist moisture, stains, and damage



**NEW!**

| Description             | Material              | Seat Height | Shipping Weight | Unit   | Cat. No.  |
|-------------------------|-----------------------|-------------|-----------------|--------|-----------|
| High Bench Height Chair | Self-Skinned Urethane | 19-29"      | 39 lbs.         | 1/Pack | 80086-439 |

## VWR® Contour™ Deluxe Lab Chair

- Black vinyl upholstered chairs
- Pneumatic seat-height adjustment
- Backrest tilt
- Contoured-foam cushion seat
- Large backrest with kidney support
- 66cm (26") diameter composite base with casters
- 5.1cm (2") casters



**NEW!**

| Description                 | Material | Seat Height | Shipping Weight | Unit   | Cat. No.  |
|-----------------------------|----------|-------------|-----------------|--------|-----------|
| High Bench Height Lab Chair | Vinyl    | 21-31"      | 35 lbs.         | 1/Pack | 80086-421 |

## VWR® 4-Legged Workbench

- Steel structure
- Dims. (DxW): 30 x 60"
- Loads up to 660 lbs.
- Easy to equip with a variety of accessories
- Variety of accessories available
- Stepless height adjustment with allen-key between 25.6" - 35.4"



**NEW!**

| Description        | Work Surface Material | Unit   | Cat. No.  |
|--------------------|-----------------------|--------|-----------|
| 4-Legged Workbench | Phenolic              | 1/Pack | 89524-408 |



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