



vwr.com
1.800.932.5000



Green Products and Services

Intro:

VWR is committed to reducing campus environmental impacts through energy conservation efforts, recycling and waste reduction, green building, and outreach and education programs across campus. Laboratory buildings are a particular focus for conservation efforts, due to the energy and resource-intensive nature of the building type. For example, lab buildings typically make up about 15 % of campus square footage, yet account for more than 40% of campus energy use, due to high ventilation requirements, longer operating hours, and energy intense equipment needs.

VWR is working together with our manufacturers to identify environmentally preferable laboratory equipment and supplies, and to make this information available through a VWR Best Buy Guide and on the our website, www.vwr.com.

Product Index

Products with Reduced or Recyclable Packaging:

- VWR Pak Rak Pipette Tip System
- VWR PCR Tubes
- VWR Pipette Reload System
- Axygen Scientific Tip Refill System
- Axygen Scientific Conical Bottom Centrifuge Tubes

Made with Recycled Content

- VWR Superclear Centrifuge tubes- with recycled cardboard racks

Energy Efficient Equipment

- VWR Low and Ultra-Low Temperature Laboratory Freezers
- Revco Plus Ultra-Low Temperature Freezers, by Thermo Scientific
- Micro, Benchtop, and High-Performance Centrifuges, by Beckman Coulter.

End of Life Take Back Programs

- Mettler-Toledo- Balances, pH Meters, Titrators
- Beckman Coulter- Centrifuges
- VWR/G-Storm- Thermal Cyclers

If you identify a Green Product, please contact your VWR Representative.



The following products and services have been identified by VWR as part of our Green Initiative

Products Featured by



For a complete list of catalog numbers and prices, visit www.vwr.com

VWR® Superclear™ Centrifuge Tubes- with Recyclable Cardboard Racks



Thick-Wall Construction for High Speed Operation

Leakproof

Available in Earth Friendly® Recyclable Racks

RNase-, DNase-, and Endotoxin-Free



VWR Pak Rak® Pipette Tip System



Decreases packaging waste by 90%

Each refill packaged in a recycled cardboard package

Easy to use loader

Fully recyclable



VWR® PCR™ Tubes and Caps



Made with 25% less plastic while still maintaining the highest quality

Ideal for all PCR protocols, these 0.2mL tubes and caps are made from polypropylene and are compatible with most popular thermal cycler blocks.

Tubes and caps are chemically inert and autoclavable. They feature smooth, thin, uniform walls for accurate thermal transfer. Certified free of RNase, DNase, and human DNA (lot-by-lot certificates available). Tubes are available with bubble-top or flat-top caps, both of which fit precisely to ensure a positive, contamination-free environment.

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Energy Efficient, Environmentally Friendly Equipment



The VWR® Low and Ultra Low Temperature Freezers

- CFC Free Refrigerants
- Enhanced Noise Reduction
- 15% Less Heat Emission



Revco Plus® Series Ultra-Low Temperature Freezers

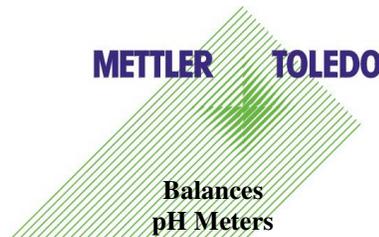
- CFC Free Refrigerants
- Enhanced noise reduction
- 25% Less Heat Emission
- 15% More Energy Efficient



Centrifuges- Micro, Benchtop, and High-Performance

- Enhanced noise reduction
- Power Reduction
- Automatic Shut-off

“Recycle” Your Old Equipment- Trade-in and Removals



Thermal Cyclers



Packaging waste Recycling Program- Sponsored by BD Biosciences

Be sure to use BD Cell Culture products and recycle the packaging and wrappings. Contact your VWR Representative to get started on the program.



EcoTips:

Some helpful EcoTips that can be used in newsletters, stockroom signage, or departmental list-serves.

- **Shut the Sash on your fume hood:** if left open, your fume hood uses 3.5 times the energy of a house. Save up to 60% of energy and reduce GHG emissions by closing the sash!
- **Use compact fluorescent bulbs in task lights:** a compact fluorescent bulb will use 2/3 less electricity, generate the same light and can last 10 times longer than a standard incandescent bulb!
- **Double-side all copies and print-outs:** making one sheet of paper uses over 13 ounces of water- more water than in a soda can!
- **Buy products with recycled content:** manufacturing recycled papers saves more than 40% of the energy resources, every ton of recycled paper saves 4100 kwh of electricity, 7000 gallons of water, 60 pounds of air pollutants.
- **Recycle**
 - Americans use 4 million plastic bottles every hour! yet only 1 bottle out of 4 is recycled.
 - Recycling aluminum results in 95% less air pollution and 97% less water pollution than producing aluminum from natural resources.
 - Recycling a glass bottle saves enough energy to light a 100-watt light bulb for 4 hours.
- Average office worker uses 10,000 sheets of paper each year.
- Each of us uses on average two pine trees worth of paper products each year.

Visit your local VWR Stockroom, or contact your VWR Representative for samples and additional information

To Order, call VWR International at (800) 932-5000
