

Laboratory products

# Lab equipment and consumables

## Greener by design™ program

At Thermo Fisher Scientific, we continually evaluate how we design, source, make, use and ship our products, as well as how we return, recycle or dispose of them at end of life. We seek out ways to improve the health and environmental impacts across the product life cycle. Our greener products help advance sustainability and improve lab safety by minimizing use of hazardous chemicals, reducing waste and material consumption and increasing energy efficiency.



For customers seeking greener products, Thermo Fisher has created an easy identification system with our green leaf symbol.

### Our criteria for designing to reduce environmental impact



Less hazardous products and waste



Less waste and use of fewer resources



More energy efficient



Responsibly packaged and shipped



Extending life of products and materials



Learn more at [thermofisher.com/tsxuniversal](https://thermofisher.com/tsxuniversal)

Up to  
**42%**  
less energy

TSX Universal Freezers fulfill all five greener by design criteria and are manufactured in a zero-waste facility.



Learn more at [thermofisher.com/greenercentrifuges](https://thermofisher.com/greenercentrifuges)

Up to  
**15%**  
less energy

Centrifuges with GreenCool Technology offer a low Global Warming Potential (1), help save energy and are made in a certified zero-waste facility.



Learn more at [thermofisher.com/herasafe2030i](https://thermofisher.com/herasafe2030i)

Up to  
**68%**  
less energy

Herasafe 2030i BSC is more energy efficient than previous models and manufactured in a zero-waste facility.





Thermo Scientific™  
Heratherm Stability  
Chambers



Learn more at [thermofisher.com/chambers](https://thermofisher.com/chambers)

Up to  
**83%**  
less energy

Heratherm stability chambers use up to 83% less energy, up to 94% less water for humidification and leverage Peltier technology.



Thermo Scientific™  
Solaris™ Incubated  
and Refrigerated  
Shakers



Learn more at [thermofisher.com/solaris](https://thermofisher.com/solaris)

Up to  
**58%**  
less energy

Solaris incubated and refrigerated shakers use less energy than prior models and a refrigerant-free cooling system.



View available  
**Green Fact Sheets**  
online



Thermo Scientific™  
TSG Series  
Refrigerators and  
Freezers



Learn more at [thermofisher.com/tsg](https://thermofisher.com/tsg)

Up to  
**25%**  
less energy

TSG refrigerators and freezers use less energy and are manufactured in a zero-waste facility.



Thermo Scientific™  
Heratherm™  
Refrigerated  
Incubators



Learn more at [thermofisher.com/refrigeratedincubators](https://thermofisher.com/refrigeratedincubators)

Up to  
**84%**  
less energy

Heratherm refrigerated incubators save up to 84% energy compared to traditional models and are manufactured in a zero-waste facility.



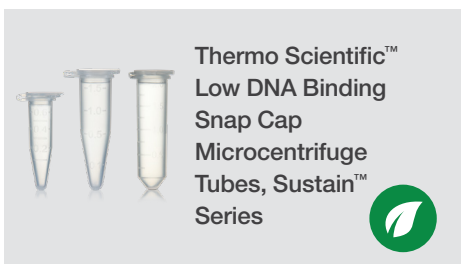
Thermo Scientific™  
Medifuge™ Clinical  
Centrifuge



Learn more at [thermofisher.com/medifuge](https://thermofisher.com/medifuge)

Up to  
**33%**  
less waste

The Medifuge centrifuge generates up to 62% less waste at end of life than prior models and 33% less waste than comparable alternatives.



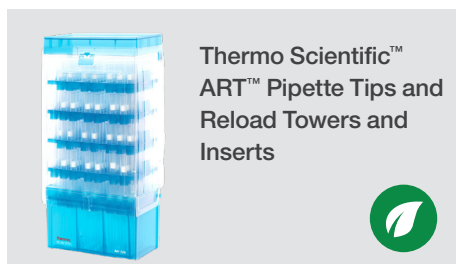
Thermo Scientific™  
Low DNA Binding  
Snap Cap  
Microcentrifuge  
Tubes, Sustain™  
Series



Learn more at [thermofisher.com/low-dna-binding-MCT](https://thermofisher.com/low-dna-binding-MCT)

Up to  
**3.43 kg/kg**  
less CO<sub>2</sub>e

The biobased material reduces carbon dioxide equivalents (CO<sub>2</sub>e) by 3.43 kg per kg of biobased polypropylene, relative to the non-Sustain Series equivalent.



Thermo Scientific™  
ART™ Pipette Tips and  
Reload Towers and  
Inserts



Learn more at [thermofisher.com/art](https://thermofisher.com/art)

Up to  
**54%**  
less waste

Pipette tips and racks can be recycled, and reload systems reduce waste.



Thermo Scientific™  
Nalgene™ Syringe  
Filters



Learn more at [thermofisher.com/filtration](https://thermofisher.com/filtration)

Up to  
**51%**  
less plastic

Syringe filters use 24–51% less source material (24% less for the 25 mm size, 45% less for the 32 mm size, and 51% less for the 33 mm size).



Learn more at [thermofisher.com/greenerproducts](https://thermofisher.com/greenerproducts)

**thermo** scientific

Intended use of the products mentioned in this document varies. For specific use statements, please refer to the product label. It is the customer's responsibility to ensure that the performance of the product is suitable for customers' specific uses or applications.

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