



Discover Sustainability

Best-fit solutions support your sustainability goals

Products for a More Sustainable Lab

Eppendorf offers a wide range of products that help you boost sustainability in your laboratory. The products below represent just a small selection of our portfolio and all are assembled using 100% green energy!

Eppendorf Tubes, epT.I.P.S.[®] and twin.tec[®] PCR Plates BioBased

- > Made from up to 90% renewable-based feedstock (see box below) and the rest fossil-based feedstock applying ISCC (International Sustainability & Carbon Certification) mass balance approach
- > The Eppendorf production center in Oldenburg, Germany complies with the requirements of the certification system ISCC PLUS
- > Our tubes have earned the ACT Environmental Impact Factor Label from My Green Lab[®]



epT.I.P.S.[®] BioBased Sterile Reloads

- > Packaging can be 100% recycled (cardboard).
- > Up to 54% of raw material reduced and up to 30% waste volume reduction compared to disposable racks.
- > Tips made of ISCC-certified plastic can be traced back to biological waste material.



About biobased polymers used for Eppendorf Tubes[®], epT.I.P.S.[®] and twin.tec[®] PCR plates BioBased

To increase the sustainable properties of the plastic we use for producing our lab consumables, we make and use more sustainable plastics with recycled and renewable feedstocks.

- > In our bio-based polymer production, we replace fossil-based raw materials with sustainable raw materials produced from bio-based waste and residues (second generation renewable feedstock).
- > The final polymers we use in production have been certified sustainable by ISCC PLUS, – the leading global certification program for manufacturers of bio-based polymers and downstream converters.

Centrifuge 5427 R

- > Centrifuge 5427 R utilizes propane (R290, hydrocarbon cooling) as a natural refrigerant.
- > You can lower your energy consumption with the adjustable ECO shut-off function that switches off the compressor after one, two, three or eight hours.
- > The dynamic compressor control (DCC) improves cooling performance.



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CO₂ Incubator CellXpert[®] C170i

- > Significantly reduced CO₂ and N₂ consumption (CO₂ consumption at 5% (w/o door opening) <1 L/24 h)
- > No internal consumables like fan-associated HEPA-filters that require frequent exchange.
- > Up to 25% more usable space due to the fanless design without ducts, covers etc. avoids unnecessary invests



Cold Storage CryoCube[®] F740hi

- > Our ULT freezer has earned the ACT (Environmental Impact Factor Label) and ENERGY STAR certification.
- > Green cooling and low energy consumption mean your laboratory has a smaller carbon footprint.
- > We assemble our ULT freezers and stainless-steel freezer racks using 100% renewable energy.



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Learn more about our Bio-Based Consumables

Learn more about the ACT. label



Read Our Literature of Sustainability

All publications are ready for you to download.



Poster:
How to Become More Sustainable in Your Lab



White-Paper 071:
How Can I Improve Sustainability in My Lab?



White-Paper 077:
How to Develop and Assemble a Sustainability ULT Freezers CryoCube®?



Checklist:
for a More Sustainable Lab



White-Paper 072:
Laboratory Waste – Immutable Fact of Life, or Opportunity for Change?



White-Paper 078:
Consumables Made of Bioplastics Enter the Lab



White-Paper 061:
Beyond Energy – ACT Sustainability Label for ULT Freezers



White-Paper 074:
How Sustainable is my ULT Freezer?



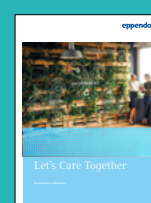
White-Paper 080:
Recycling Strategies for Plastics: On the Road to Circular Economy?



White-Paper 065:
Digitalization in the Lab – Really a One-Way Towards More Sustainability?



White-Paper 075:
Independent ULT Freezer Checks – Third-Party Test Methods



Brochure:
Let's Care Together – Sustainability at Eppendorf

Read more in our Sustainability Report
and click here to visit us online at
www.eppendorf.com/sustainability



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