

Forge a Path to a More Sustainable Lab Through Process Intensification

Reduce your lab's plastic footprint without compromising efficiency or reliability

The T-75 U-Flask design from Corning reduces plastic use by

23%

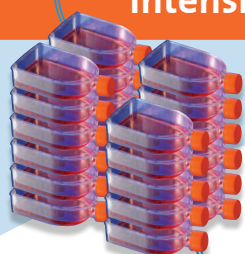


We're all looking for ways to reduce our plastic footprint. You can lessen your impact in the lab a few ways including:

1. Use recyclable products and packaging where possible.
2. Purchase consumables that are manufactured using less plastic.
3. Intensify your production process by increasing scale without dramatically increasing your consumables footprint.

Use Consumables Manufactured with Less Plastic

Intensify Your Production Process



Production process intensification means you can scale up your cell cultures without increasing your lab's consumable and media footprint.

One Corning HYPERFlask® vessel delivers **23X** the growth area of a T-75 flask

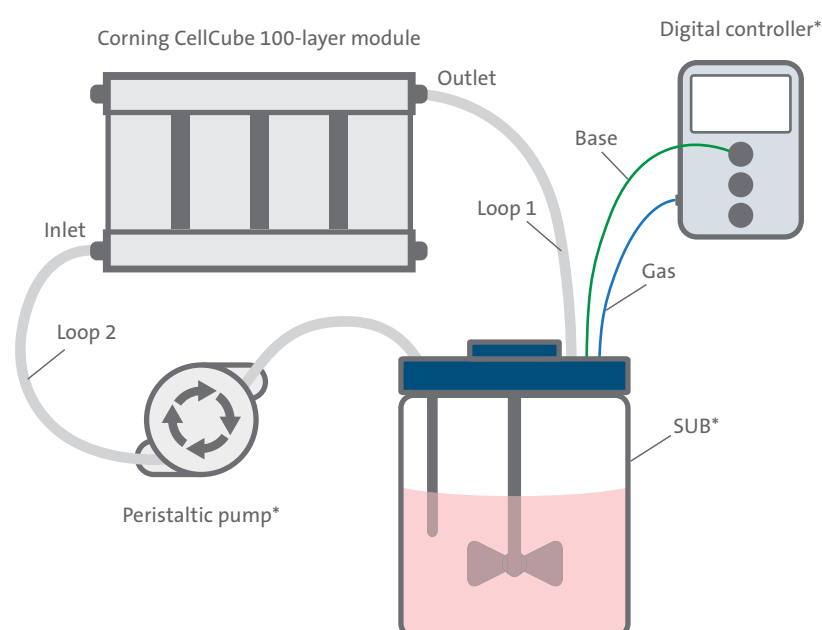
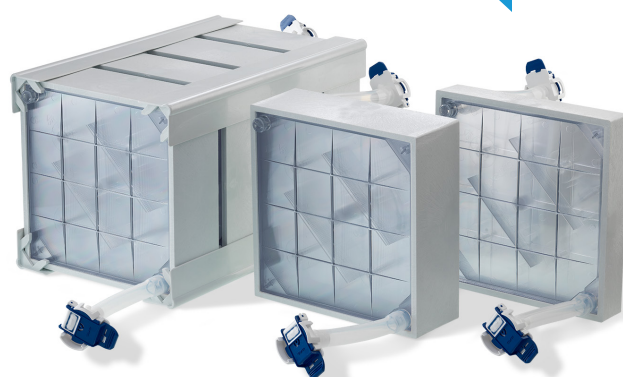


Corning® HYPERStack® 36-layer vessel gives **240X** the growth area of a traditional T-75 flask



Scale up vs. Scale out

The Corning CellCube® system is a modular, scalable platform well suited to cell and gene therapy applications and viral vector and vaccine production. CellCube modules consist of 10, 25, or 100 parallel, polystyrene plates providing cell growth surface area of 8,500 to 85,000 cm² in a compact footprint.



The basic CellCube system incorporates a peristaltic pump*, which drives continuous recirculation of fluids through the CellCube module for efficient gas and nutrient delivery, using a bioreactor vessel* to house excess media and a bioreactor controller* for medium conditioning.

**Not Corning products and sold separately.*

Request your demo to see how a Corning CellCube, HYPERFlask or HYPERStack vessel could support process intensification.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

For additional product or technical information, visit [vwr.com/corning](https://www.vwr.com/corning), call 1.800.932.5000, or contact your Avantor representative.