

REIMAGINE SCALABILITY

5 reasons to reimagine scalability with the 5 L Thermo Scientific™ DynaDrive™ Single-Use Bioreactor (S.U.B.)

1

Performance and scalability

High mass transfer efficiency

Engineered to support fed-batch and perfusion processes

5:1 turndown ratio

Run different batch sizes without changing the vessel

Scalable design to transition from development to production

Streamlines scale-up from **5 L to 5,000 L** DynaDrive S.U.B.s



2

Operational efficiency

Low risk of contamination

Pre-irradiated components significantly decrease the contamination risk

Decrease up to 20%* of workflow duration

Help reduce setup and turnaround times with no need for cleaning or autoclaving

* Increase of 141 experiments per year compared to 111 with glass bioreactors.

3

Cost-effectiveness

Lower capital expenditure

Eliminate the need for glassware washers and autoclaves, helping reduce initial setup costs

Lower operational costs

Reduced recurring maintenance and cleaning needs

4

Sustainability

Reduced environmental impact

No need for cleaning or autoclaving helps your lab decrease water consumption and carbon footprint

Participate in the Thermo Scientific™ Bioproduction Sustain™ Program

Obtain high-quality bioprocessing containers made with more sustainable feedstocks and help reduce Scope 3 emissions

5

Service and support

Worldwide network of dedicated professionals

Receive support and guidance with our **20 years** of experience and **>1,500** S.U.B. placements worldwide

Reimagine scalability in process development

We're here to support your goals of bringing new therapies to market faster



Unlock the power of single-use bioreactors at the bench at thermofisher.com/5ldynadrive

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