



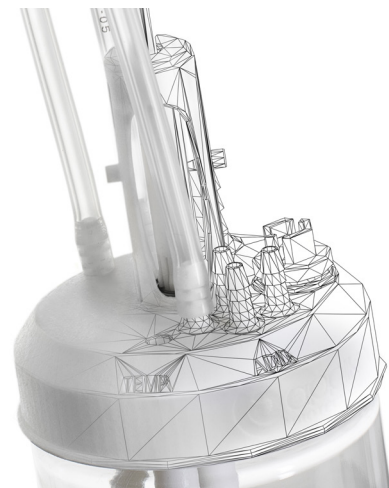
Optimized performance and fast bioreactor setup

With the single-use AppliFlex ST

Demonstrated expertise with bioreactor design has been applied to the AppliFlex ST single-use bioreactors. Building on the long history of bioreactor design, the AppliFlex ST has been designed to make your life in the lab easy.

- No more cleaning, preparing and sterilizing bioreactors
- Perform more experiments in a shorter time
- Eliminate the risk of cross-contamination between runs
- Improve reproducibility and outcomes of your experiments

Using single-use bioreactors allows for a higher throughput thanks to an easier set-up and operation. Minimal operator handling reduces the ever-present risk of contamination. Now you can focus on your bioprocesses instead of cleaning, preparing and sterilizing bioreactors.



For more information visit www.getinge.com

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Easily configure your bioreactor to match your application

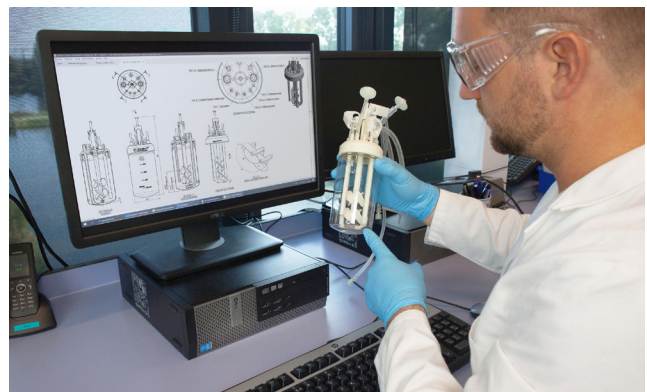
Using 3D printing technology, we are able to optimize the bioreactor to match your process and application. Headplates and impellers manufactured by 3D printing allow for any bioreactor configuration to accommodate your specific process.

Custom tubing kits can be mounted on the headplate, saving time on set up and reducing risk in handling. This will ensure optimal performance for each experiment. Combine specific connections and tubing as needed to create the perfect prefabricated bioreactor out of the box. Traditional bioreactor elements are no longer a technical barrier to process optimization. If you can describe it, we can manufacture it.



Easy set up with Box-To-Bench™ workflow

Your bioreactor is ready for operation straight from the box. Take your pre-assembled bioreactor from the box, skipping the LAF cabinet and going directly to your laboratory bench, enabling a smooth and fast workflow. The AppliFlex ST is available with single-use or autoclavable sensors. Single-use sensors are set up in no time for a fully closed operation, ensuring sterility in your process. Waiting on the autoclave has become a thing of the past.



Bring your bioreactor design to life

Whatever your bioprocessing needs are, the AppliFlex ST is designed to meet your process requirements. Ensure consistent process results and optimization from a range of sparger types, impellers and dip tubes. The headplate can be configured to your unique needs, from special ports, sampling lines, connectors, spargers to addition bottles. Bring your designs to life with a custom AppliFlex ST.

»The AppliFlex ST is available in 500 mL, 3 L and 15 L L*«

AppliFlex ST systems are used for cell line development, process development and scale up studies for;

- **Batch, fed-batch and perfusion**
- **Cell and gene applications:**

IPC's, T&NK Cells, and MSc's

- **Cell culture applications:**

CHO, HEK, BHK and Sf9

- **Fermentations:**

S. cerevisiae, K. lactis, B. subtilis and E. coli



* The AppliFlex 15 L is only available for cell culture

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