

Global standard component library

Enabling fit-for-purpose BioProcess Container designs

Since the inception of our single-use business in the late 1990s, we have offered single-use consumables that meet the specific needs of our customers. To that end, we have established a global standard component library (GSCL) of components and chambers that enable our customers to design single-use Thermo Scientific™ BioProcess Containers (BPCs) and fluid transfer assemblies as assembled-to-order (ATO) products. This allows us to deliver products for our customers, unique applications at the shortest possible lead time and at the highest quality.

What is the GSCL?

The GSCL includes a wide variety of components from many different manufacturers to be used to build fluid transfer assemblies and BPCs, such as

- Standard 2D and 3D BPC chambers (including hardware BPCs) using Thermo Scientific™ Aegis-5-14™ and Thermo Scientific™ ASI 26/77 films
- Tubing from several manufacturers
- Commonly used closures and end and line fittings
- Filters from leading filter manufacturers
- Clamps and fasteners
- Commonly used sensors for hardware BPCs

The usage of the GSCL allows users to build an assembled-to-order product that fits their needs, while avoiding major steps that add to the lead time of the product.

Why use the GSCL?

The GSCL offers several important benefits. We have harmonized the manufacturing processes and quality systems across our entire single-use technology (SUT) manufacturing network, including the GSCL. This allows customers that have validated multiple sites to have their product manufactured at any of those sites, while providing flexibility to design fit-for-purpose BPCs and fluid transfer assemblies (FTAs).

The GSCL consists of the most widely used and commonly available components. Choosing components from the GSCL greatly reduces the risk of experiencing extended lead times.

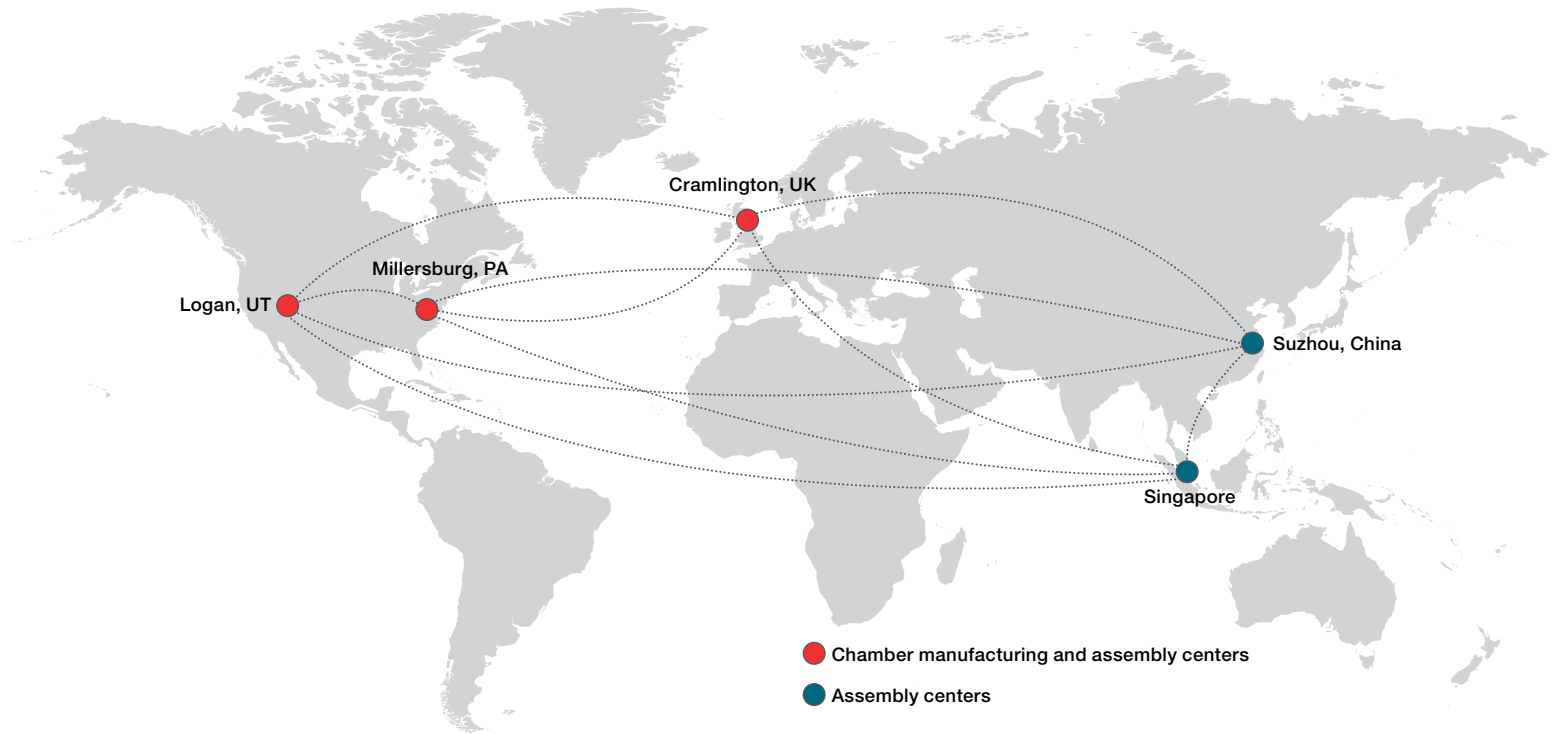
While other suppliers offer made-to-assemble products, only Thermo Fisher Scientific offers an extensive selection of standard components from multiple different component suppliers as part of its GSCL.

Can I still order components that are not part of the GSCL?

We have always supported customers with the manufacture of products that fit their needs and will continue to do so. BPCs and FTAs that include components outside of the GSCL will be available, but will be manufactured as made-to-order or engineered-to-order products. Therefore, they may experience longer lead times and higher costs, as their assembly might also be limited to one particular manufacturing site. All products will meet the highest quality standards.

Benefits of the GSCL

With three centers of excellence for chamber manufacturing and five assembly centers on three continents, we offer the largest manufacturing network for single-use consumables in the industry.



The GSCL provides four main benefits:

- Assurance of product supply
- Fast and consistent product delivery
- High-quality products
- More flexibility with components from multiple suppliers

Contact your Bioproduction Account Manager today to find out how the GSCL can streamline your process.

Find out more at thermofisher.com/flexiblecontainment