

# CUSTOM SINGLE-USE ASSEMBLIES

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## BENCHMARK BIOPROCESSING SOLUTIONS

Designing and producing fluid handling  
single-use systems tailored to the specific needs  
of leading biopharmaceutical manufacturers

### Contact

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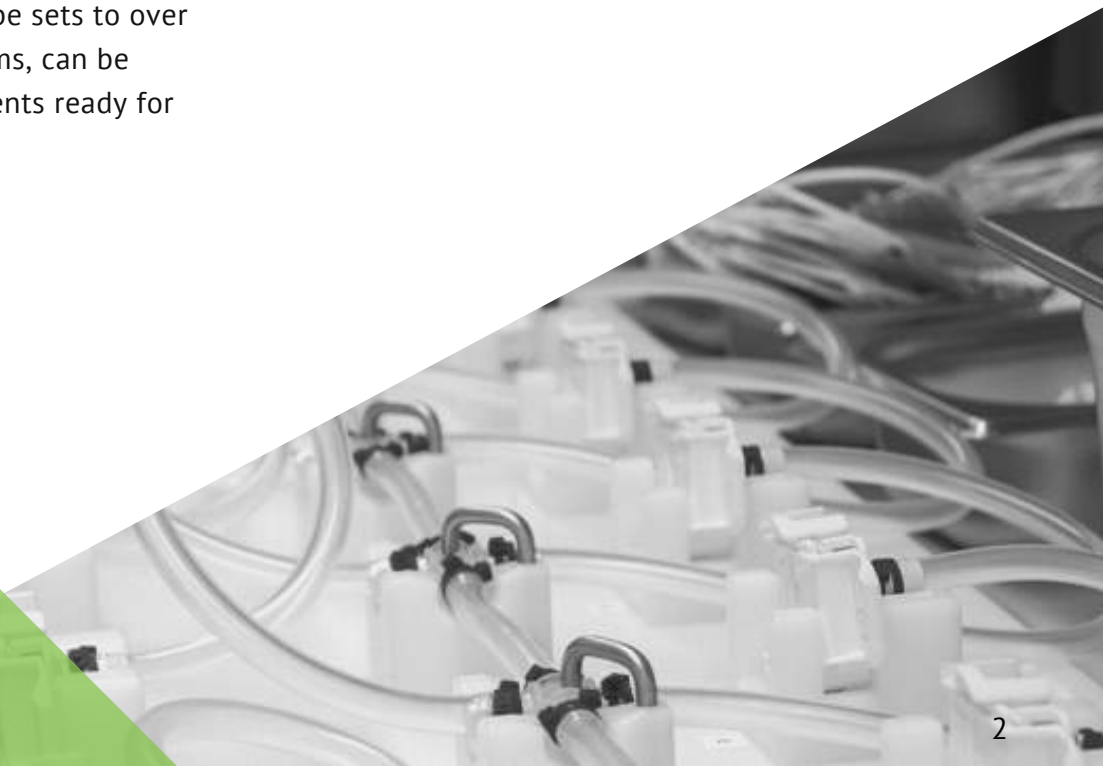
## CUSTOMIZED SOLUTIONS COMBINED WITH UNMATCHED INVENTORY MANAGEMENT

Benchmark Bioprocessing Solutions (BBS) designs and engineers single-use customized solutions that increase efficiencies, lower costs, and reduce risk in biopharmaceutical process manufacturing. Even the most complicated bioprocessing workflows may benefit from our experience in single-use system design, which can help you overcome fluid handling challenges. BBS's fluid handling solutions are combined with Benchmark's leading warehouse and distribution capabilities, resulting in unmatched inventory management to minimize supply chain excursions.

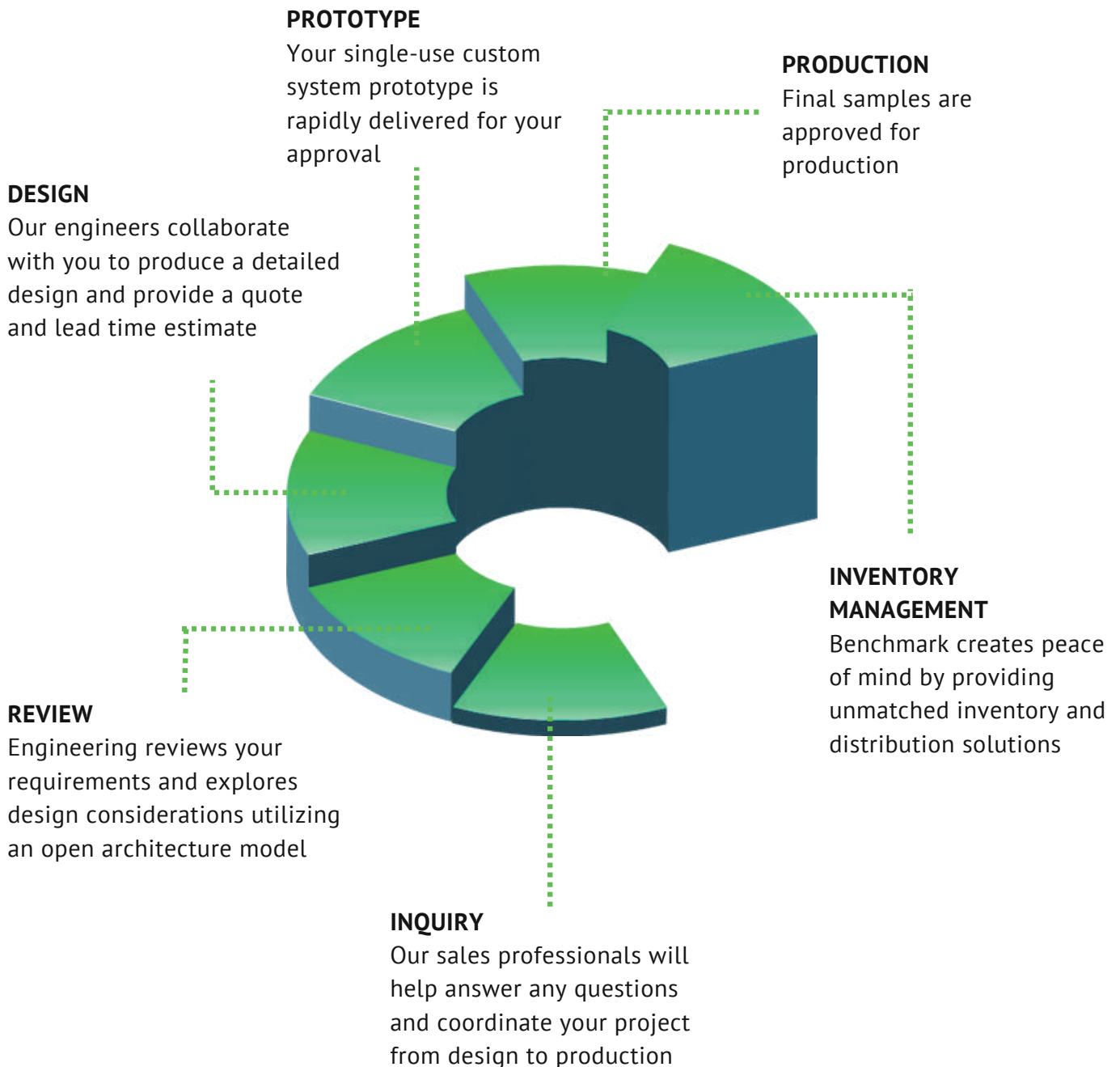
To create custom fluid handling single-use systems, we leverage an open architecture model vertically integrated on components supporting your system. All assemblies, from basic tube sets to over molded SUS filling systems, can be tailored to your requirements ready for use.

BBS provides practical solutions to connect multiple components in your bioprocessing system in a dependable, reproducible manner. Our technical knowledge and skills in single-use system design ensures that production runs smoothly, and processes can be precisely replicated.

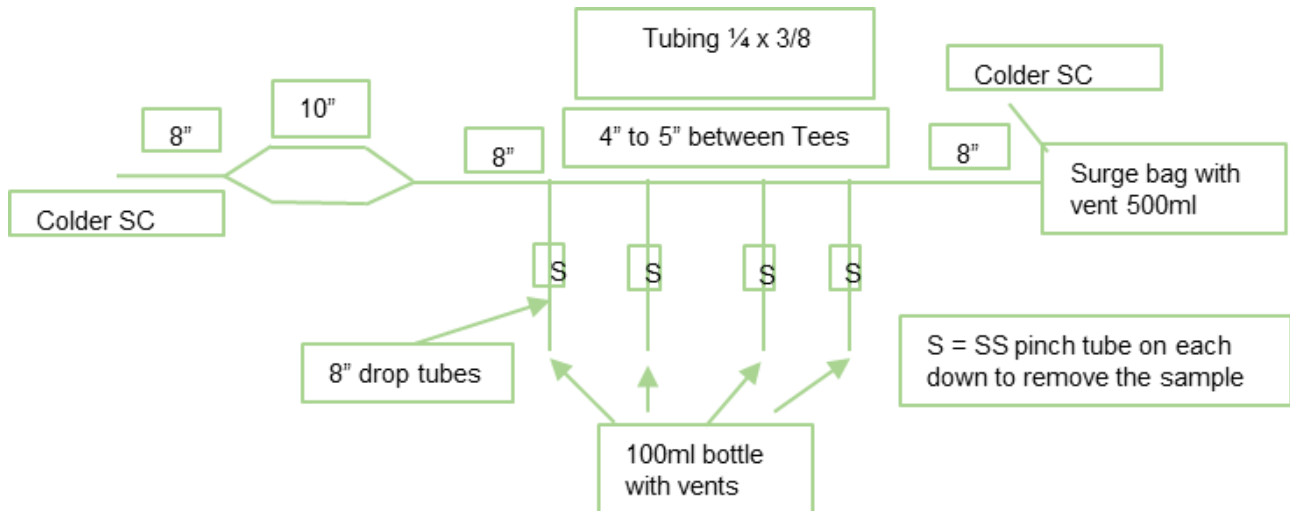
**Utilize our leading design, assembly, and quality systems to safeguard product integrity and maximize yield**



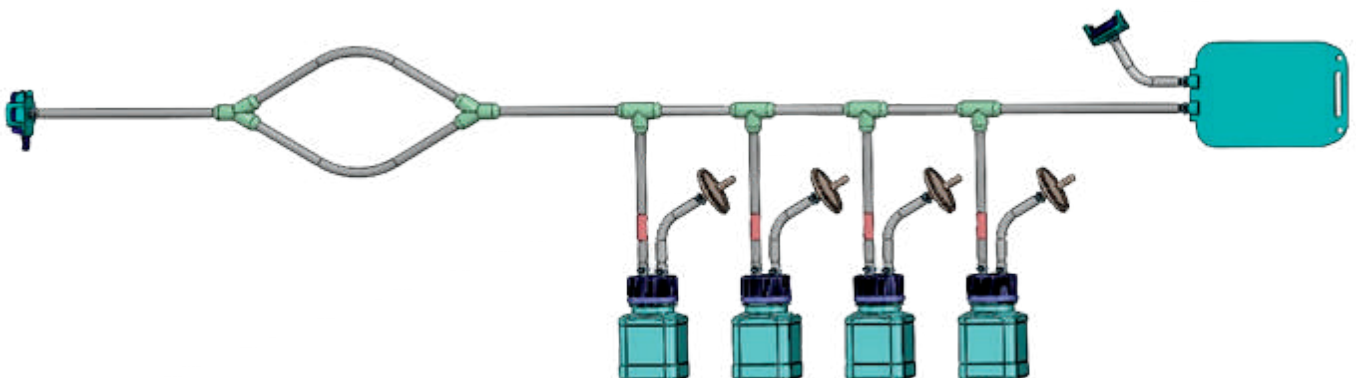
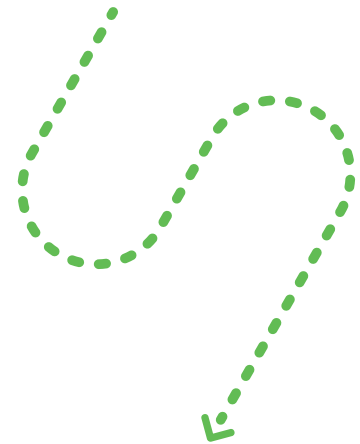
## A COLLABORATIVE APPROACH TO DESIGNING & DEVELOPING YOUR CUSTOM SINGLE-USE FLUID HANDLING SYSTEMS



## FROM CONCEPT TO FINAL DESIGN



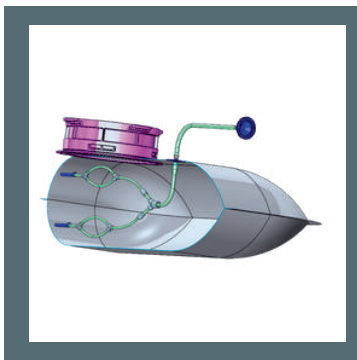
Benchmark's system engineers work closely with our customers to produce Best in Class designs and final assemblies



## BROAD OFFERING OF SINGLE-USE COMPONENTS



Bioprocess Bags



Beta Bags

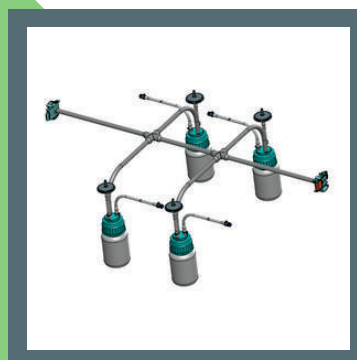


Closure Systems

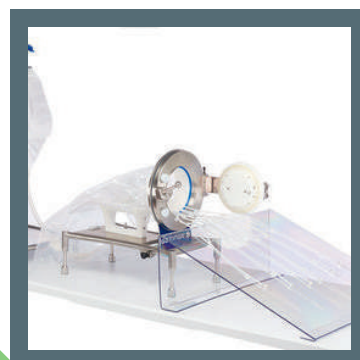


Connectors

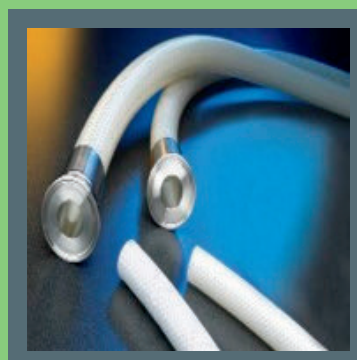
To support sterile fluid transfer in the upstream, downstream, and fill and finish process steps, BBS offers a complete offering of standard and custom single-use components, connections, and assemblies



Custom and Standard Assemblies



Final Fill Custom Assemblies



Reinforced Hose Assemblies



Standard Tubing Assemblies



# THE BENCHMARK DIFFERENCE

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- ✓ Stocking programs to ensure timely deliveries
- ✓ Assemblies built in our ISO Class 7 Certified cleanrooms
- ✓ Extensive fluid handling connectivity knowledge
- ✓ Material compatibility reviews

Unlike our competitors, we provide:

- No order size minimum
- Timely delivery
- Unmatched inventory management
- True customization – ability to accomplish a unique assembly with dual sourcing of critical components faced with supply chain challenges



**Risk-Based Quality Management System**

Certified ISO Class 7 Assembly Rooms

Certified ISO 9001; 2015 Quality System