

# FILL-FINISH SOLUTIONS

Clean, Configurable, Compliant

Our configurable single-use solutions meet stringent requirements so you can ensure your contamination control strategy yields operational safety and efficiency in formulation, final filtration, and final filling. Utilizing state-of-the-art manufacturing, our team can work with you to build reliable and clean solutions that provide the highest level of purity in your drug product processing.



## FORMULATION

The DuoMixer® and MiniDuoMixer® are a complete single use mixing platform, from 2L to 3000L, with a robust and intelligent design, ensuring you can mix efficiently and monitor quality no matter the formulation.

- Fast and powerful, low shear mixing
- Easy installation and start-up
- Integrated weighing and jacket for heat exchange
- In-line monitor and control of pH, temperature and conductivity
- All mixing bags 100% integrity tested



◀ DuoMixer® (50 - 3,000L)



MiniDuoMixer® (2 - 20L) ▼

## FLUID TRANSFER

### STERILE FILTRATION

Elevate your confidence in the integrity of your sterilizing filters by implementing one of our configurable pre-use post sterilization integrity testing (PUPSIT) designs with a filter of your choice. Our agnostic component library allows for freedom of design and ensures a perfect fit for your specific process.



DPTE® BETA BAG WITH HOSE BARB PORTS



DPTE® BETA BAG WITH HOSE BARB PORTS

### PORTED BETA BAGS FOR ISOLATOR TRANSFER

Choose from a range of hose barb and sanitary ports from 1/8" to 3". Whether you are using a DPTE® Alpha port, Biosafe® port or another port, we can provide you with a custom ready-to-use beta bag configuration that can be easily integrated into a flow path assembly for isolator transfer.





## FLUID TRANSFER

### VIAL/SYRINGE FILLING

Meet regulatory expectations and demonstrate the efficacy of your fill-finish process with an assembly supported by our comprehensive documentation package.

- Custom ported and optimized surge bag design for consistent product flow and high recovery
- Overmolded silicone for dosing pump loops, sanitary ends or surge product bag connections, ensure a leak free fluid path.
- Accurate dosing needles in multiple IDs for filling machines such as OPTIMA®, Syntegon® and IMA®



CUSTOM DESIGNED SURGE BAG FOR PRODUCT RECOVERY



OVERMOLDED MICRO WYE WITH A 1/32" ID FOR PRECISE FLUID TRANSFER APPLICATIONS

## FLUID TRANSFER



OVERMOLDED MULTIPORT TC ENSURES OPTIMAL FLUID FLOW FROM SURGE BAG TO NEEDLES



OVERMOLDED THRU TC ON BETA BAG

## FLUID TRANSFER



OVERMOLDED DOSING PUMP LOOP, MICRO BORE SIZES AS SMALL AS 0.032 IN. (0.76MM) ID, COMPATIBLE WITH MULTIPLE PUMP TUBING BRANDS AND DUROMETERS



FLOWLINX® FILLING NEEDLES ARE ENGINEERED WITH PRECISION AND PURITY ENSURING OPERATIONAL SAFETY AND ACCURATE DOSING





## OUR QUALITY

Our team is committed to supporting your journey towards excellence in sterile manufacturing. Simplify your compliance with our comprehensive documentation package.

- Engagement Qualification
- USP <85> testing
- USP <788> testing
- Leak Integrity testing



At CCG, we're passionate about making a difference in the lives of our customers. It's why CCG single-use assemblies and FlowLinX components are trusted in bioprocess applications worldwide.