

PharMix[®] SC System

The PharMix SC (Single Campaign) System is the next generation of quality and performance for any application requiring aseptic processing. Our advanced patented agitation technology provides rapid, efficient mixing for reduced batch times in a scalable, single-use poly film mixing BioContainer (50–1000 L).



Save time, improve efficiency, and streamline cleaning with the PharMix SC System. From complex to simple, we'll design a system for your specific application.

Cost Improvement

Reduce the need for capital equipment, cleanrooms, and their associated process and environmental controls.

Integration

Our round tank design with a vertical entering shaft emulates conventional systems more effectively than other single-use systems for ease of integration of single-use technology.

Efficiency

Accelerate your campaign mobilization, start-up, processing, and turnaround times over conventional systems. Reduce your cost of labor, validation, manufacturing, and utilities.

Streamline Cleaning

Virtually eliminate equipment cleaning, cleaning validation requirements, and the risk of cross-contamination.

Adaptable

PharMix SC System integrates perfectly with existing legacy stainless equipment for hybrid applications.



Single Campaign, Endless Possibilities

SC System Mixing BioContainer

Our single use, multi-layer 3D film Mixing BioContainer provides superior visual clarity and is virtually free of film additives for low extractables and leachable levels. Because the agitator is self-contained, there is no breach of the aseptic boundary and the entry point requires no seals or bearings.

SC System Hardware Features

Our fully scalable stainless steel mixer drive is designed to match the life cycle of an entire product campaign. The high efficiency paddle operates with a unique patented multi-plane motion—better than any other bag stirring mechanism or conventional rotating agitator on the market. This means you'll have more rapid and efficient mixing for reduced batch times. With our patented Tublok™ tube retainer system, your customized tubing assembly is kept free of kinks to maintain proper ventilation and process flow. The integrated NEMA 4X operator touchscreen (HMI) gives you complete control over every mixing and process function. The SC System features one common drive unit that automatically adjusts to match the Mixing BioContainer volume so there is never a need for multiple drives or elaborate modifications.



Additional Services

PharMix Agitators: Superior Sanitary Mixing

Designed for demanding mixing applications, the PharMix 1000, 2000, 3000, 4000, D-Series, and M-Series top entering agitators lead the industry in performance and cleanability.

- Stainless Steel Drives
- Unlimited impeller choices
- Hygienic shaft seals (atmospheric or pressure) meeting BPE requirements
- Advanced, patented in-vessel hygienic coupling
- Direct, parallel, and right angle drives with clamp-on, tri-clamp, and flange mounting

PharMix Agitators are the next generation of quality, performance, cleanability, and value. From simple to complex, our engineers will design a system for your specific application.

