



Life Sciences



Pharmaceutical Grade Washing Systems

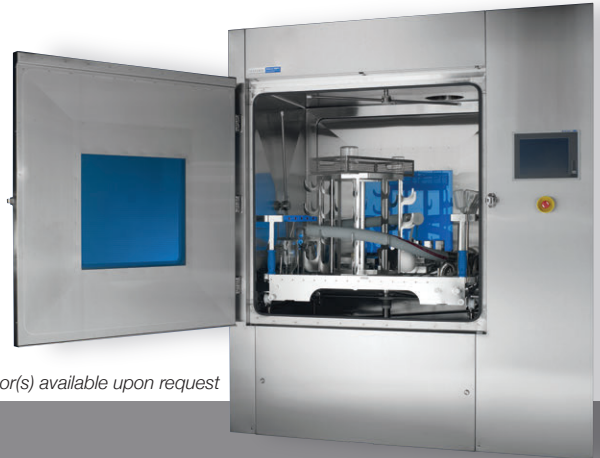


UNIQUE SOLUTIONS FOR YOUR CRITICAL CLEANING PROCESS

STERIS Corporation has achieved worldwide leadership in the pharmaceutical and biotech industries by understanding Customers' requirements and providing the highest quality and productivity. STERIS Pharmaceutical Grade Washers are specifically designed for the cleaning of critical components such as fermentation containers, large carboys, glassware, plastic items, filling and packaging machine parts, blenders, hoppers, pallets, totes and other components used in the pharmaceutical process.

STERIS's approach facilitates cleaning validation by providing:

- A unique certified cleaning process
- The highest level of assurance in cleaning performance
- Unmatched compliance to cGMP standards
- A full range of especially formulated chemistries
- Global service and technical support



**Manual swing door(s) available upon request*

PACE (Process and Cleaner Evaluation)

On-Site Consultation



PACE Study



Design-In Parameters to Washer



Manufacture the Washer



Factory Acceptance Testing,
Prove the PACE

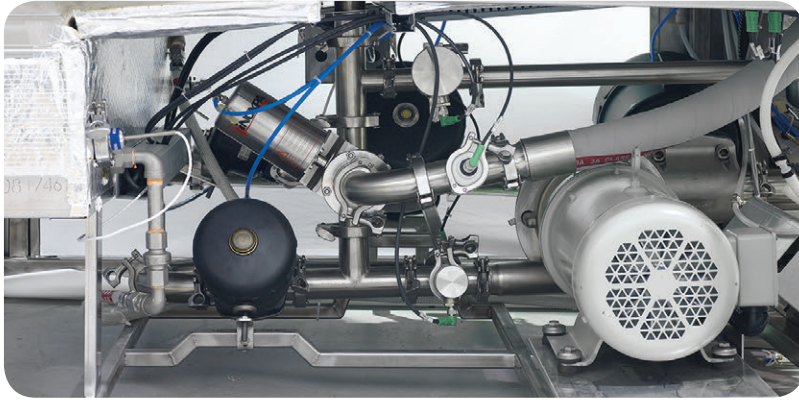


IQ, OQ, Site Acceptance Testing



UNMATCHED COMPLIANCE

Increasingly stringent regulatory standards require industry expertise and attention to details. The new PG series Pharmaceutical Grade Washer was designed with such features in mind:



- Meets BPE 2016 requirements with 2% slope for all piping and flat surfaces, as well as maximum 3D dead legs with the majority at 2D
- Designed with large chamber corner radius

UNMATCHED PERFORMANCE

Increasing energy and disposal costs require conscientious dedication to green, eco-friendly solutions. The new PG series Pharmaceutical Grade Washer was designed to minimize water and utility consumption. Reduced water consumption is achieved to by cooling effluent using a closed-loop chilled water system.



With lower utility consumption, Reliance Washers are friendly to the environment and your operating budget!





Optional Process Monitoring Package allows users to easily monitor critical parameters such as pump pressure, detergent concentration and final rinse conductivity.

UNCOMPROMISED CLEANING PERFORMANCE

- Monitors chamber spray arm rotation to help ensure all external surfaces of the load items are exposed to the cleaning process
- Monitors Total Organic Carbon (TOC) in final rinse water to help ensure expected cleaning and rinsing results are consistently achieved



WASHERS

VARIOUS SIZES FOR VARIOUS APPLICATIONS



RELIANCE®
280PG



RELIANCE®
380PG



RELIANCE®
480PG



RELIANCE®
680PG



RELIANCE®
980PG

ACCESSORIES

VARIOUS ACCESSORIES FOR VARIOUS APPLICATIONS



Valves, Reducers



Part Washing Accessory



Bulk Containers



Accessory for Filter Housing

STERIS's process and research solutions encompass far more than equipment alone. Our automated systems are enhanced by a host of accessories to adapt them for a variety of pharmaceutical or laboratory applications.

In addition, dosing and delivery systems are incorporated to assure the most efficient and effective use of our precisely formulated cleaning chemistries. Every system is backed by service support from an unmatched direct force of over 900 professional technicians worldwide. From facility planning through installation, validation support and ongoing operational support, STERIS stays with Customers throughout their production process or research cycle to maximize uptime and the operational life of their equipment.

