



Life Sciences



RELIANCE[®] 400/500XLS

Laboratory Glassware Washers

Science & Solutions for Life

HIGH-PRODUCTIVITY LABORATORY GLASSWARE CLEANING AND DRYING

The Reliance 400XLS/500XLS Washers are specifically designed for large-capacity, effective cleaning and drying of typical laboratory glassware and plasticware.

Both models provide unmatched flexibility offering maximized productivity and assuring a constant high-level of performance, while keeping energy consumption to a strict minimum.



Manual swing door(s) available upon request

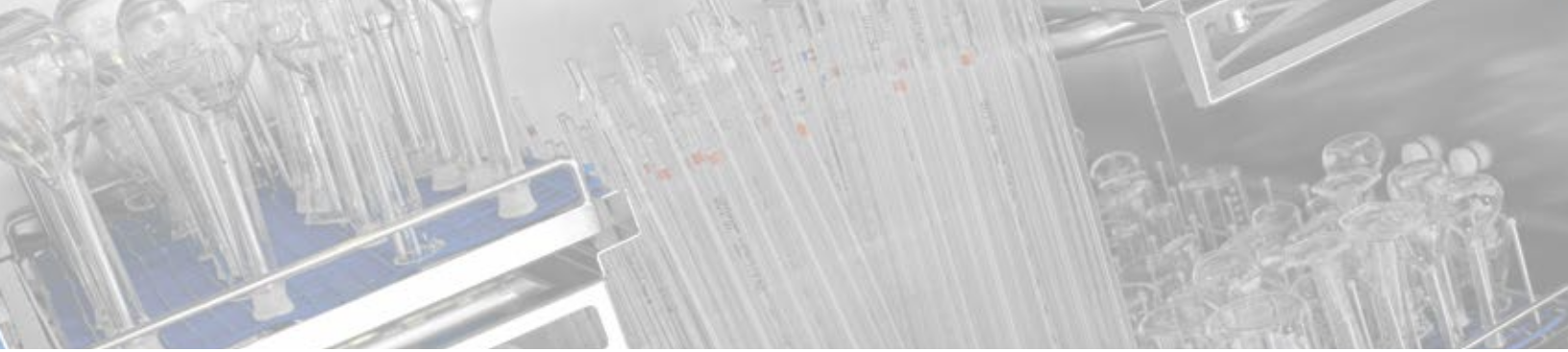


RELIANCE 400XLS



RELIANCE 500XLS





MORE FLEXIBILITY FOR HIGHER PRODUCTIVITY

The unique Universal Shelving System allows users to easily configure the wash chamber to accommodate various sizes of glassware simultaneously, maximizing the use of the large chamber and reducing the number of loads needed to process daily requirements.



User-friendly, Programmable Logic Controller offers preset cycles for various applications and soil conditions.

Various universal shelving configurations in 400XLS



HIGH PERFORMANCE

At STERIS, we understand how poorly cleaned glassware can affect the results of critical research. The XLS Series includes several standard and optional features to monitor key process parameters, ensuring consistent cleaning results cycle after cycle:

- HEPA filtering of air to prevent re-contamination of the load
- Optional Process Monitoring Package to monitor pump pressure, control detergent injection and measure final rinse water quality using conductivity
- Integrated printer to maintain records of cycle data
- Remote monitoring via STERIS ProConnect™ Response Center



Up to four chemical injection pumps handle most soil conditions. Conductivity monitoring system monitors detergent injection and final rinse water quality.



Automatic vertical sliding door with double-pane tempered glass window allows constant visual monitoring of the wash process.



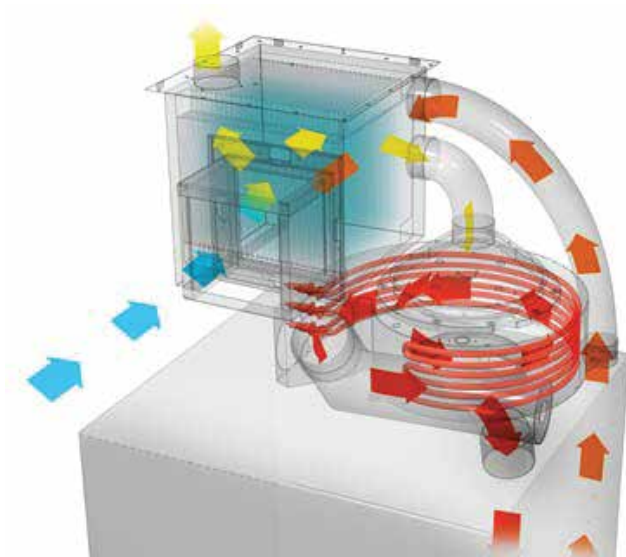
A variety of specialized accessories ensure that all surfaces of load items are getting complete coverage, a key parameter for efficient cleaning.



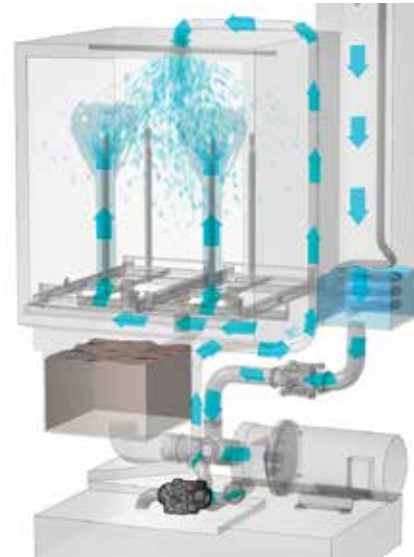
LOWERING UTILITY CONSUMPTION IS NOT ONLY ENVIRONMENTALLY FRIENDLY, BUT IT CAN ALSO CONTRIBUTE TO SIGNIFICANT REDUCTION IN OPERATION COSTS.

The Reliance 400XLS and 500XLS Washers are designed to use a minimum of energy to achieve efficient cleaning and drying results.

- SMART filling automatically adjusts water consumption according to the accessories being used
- SMART drying automatically adjusts drying time based on the size of the load
- Drying system is equipped with an exchanger that recovers heat from the exhaust
- Effluent cooling can be accomplished with a cold water closed-loop system that recovers heat from the water being drained
- Unique single-pass rinse system reduces the number of rinses required for efficient rinsing, and more....



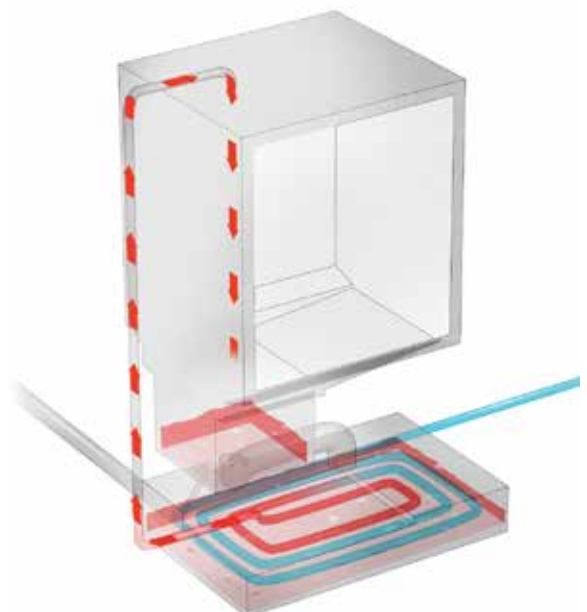
Recovery of heat during drying can save 660W.



One single-pass rinse provides the efficacy of two regular rinses, reducing water consumption.

EFFLUENT HEAT RECOVERY SYSTEM:

Heat is recovered from the hot water being drained to preheat cold water used for the next cycle. The system also greatly reduces the need to use cold water for drain cooling.





FULLY INTEGRATED CAPITAL EQUIPMENT, FORMULATED CHEMISTRIES AND SERVICES

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.



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STERIS Life Sciences | Science & Solutions for Life

For over 100 years, STERIS has been known as a global leader, trusted partner and solutions provider in the field of sterilization and contamination control. **Today**, STERIS continues building on this heritage by advancing the **Science** of sterilization, cleaning and infection control while offering **Solutions** that meet our Customers' needs and high standards. STERIS is dedicated to helping you enhance the **Life** of your patients and the life of your equipment. From Formulated Chemistries, to Capital Equipment, to Parts and Services, STERIS Life Sciences is **Science & Solutions for Life**.

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