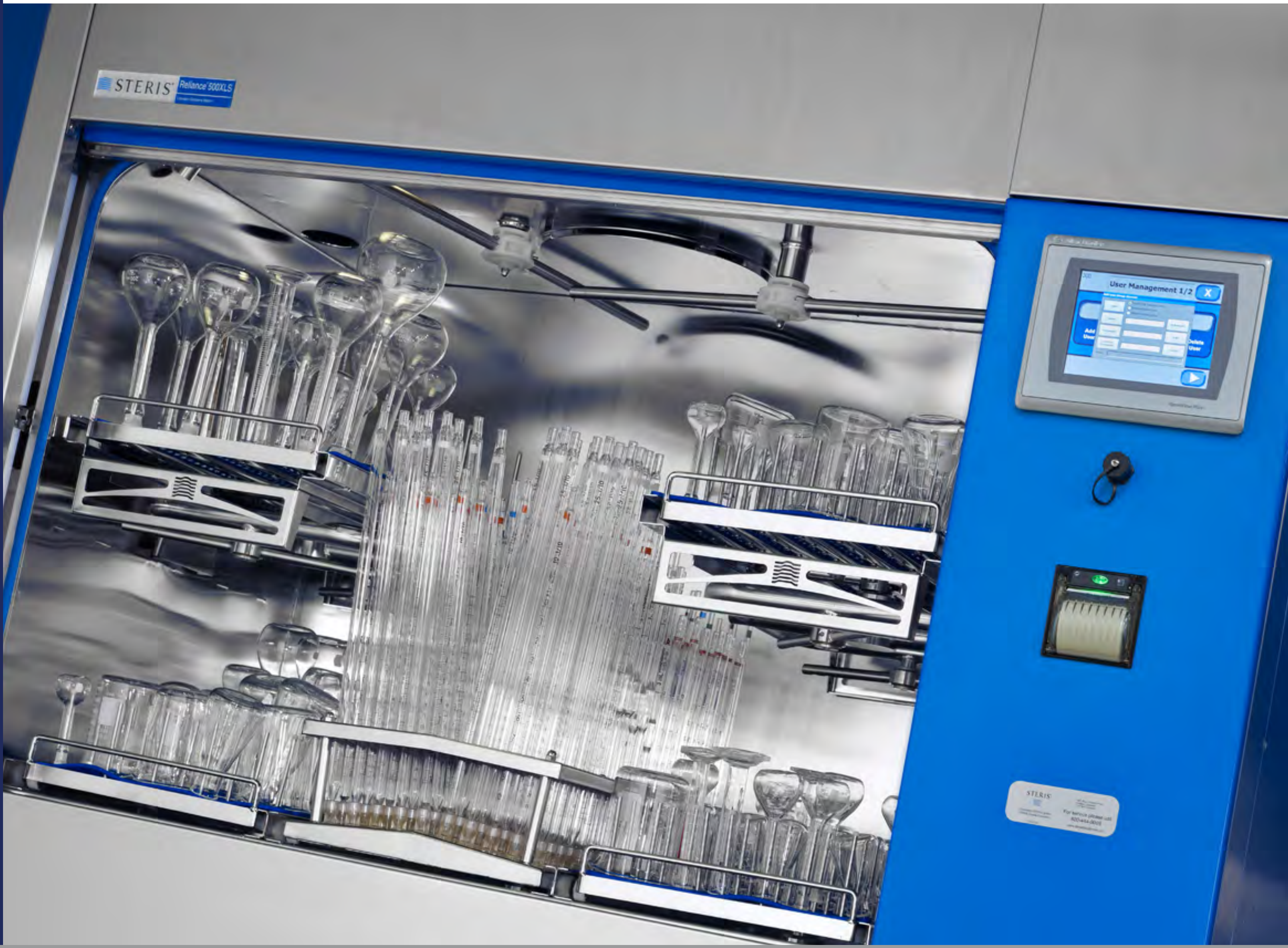


Reliance™ 400XLS and 500XLS

Laboratory Glassware Washers

Energy-efficient washing and drying

Reliance 400XLS and 500XLS Laboratory Glassware Washers are designed for large-capacity, effective washing and drying of critical components. Each model provides unmatched flexibility, allowing for increased productivity and minimal energy consumption.

Reliance 400XLS Laboratory Glassware Washer

Reliance 500XLS Laboratory Glassware Washer

Manual swing door(s) are available for both models upon request.

Flexible Features for Increased Productivity

Reliance 400XLS and 500XLS Laboratory Glassware Washers feature a unique universal shelving system. This allow users to easily configure the wash chamber to accommodate components of various sizes simultaneously – maximizing space and reducing the amount of loads needed to process daily requirements.

The user-friendly programmable logic controller offers preset cycles for various applications and soil conditions.

Reliance Laboratory Glassware Washers support several universal shelving configurations for improved throughput.

Industry-Leading 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 for every cycle.

Key Features

- HEPA filtered air to prevent load recontamination
- Optional process monitoring package to monitor pump pressure, control detergent injection and measure final rinse water quality using conductivity
- Integrated printer to maintain cycle data records

Up to four chemical injection pumps are included to handle most soil conditions. The conductivity monitoring system tracks detergent injection and final rinse water quality.

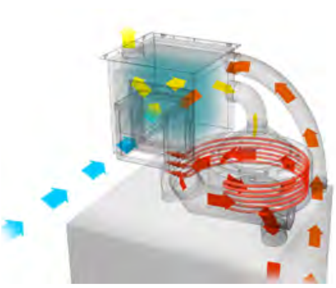
The automatic, vertical sliding door features double-pane tempered glass, allowing for continuous visual monitoring of the washing process.

Several specialized accessories are available to ensure complete coverage of all load item surfaces.

Lower Your Utility Consumption & Operational Costs

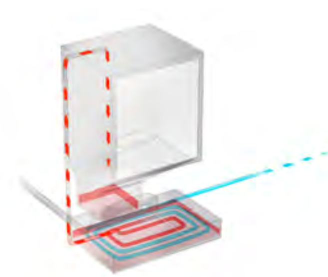
Lowering your utility consumption is not only environmentally friendly, it can also contribute to a significant reduction in operational costs. Reliance 400XLS and 500XLS Laboratory Glassware Washers are energy efficient and produce effective cleaning and drying results.

- SMART filling system automatically adjusts water consumption based on the accessories in use
- SMART drying system automatically configures drying time based on load size
- SMART drying system is equipped with an exchanger that recovers heat from the exhaust
- Cold water, closed-loop system supports effluent cooling by recovering heat from drained water
- Unique, single-pass rinse system reduces the number of rinses required to achieve efficient cleaning



Heat recovery during drying can save up to 660W per cycle.

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



The effluent heat recovery system allows heat to be 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 portfolio extends beyond equipment. Our automated systems are enhanced by a selection of customizable accessories to support a variety of pharmaceutical and laboratory applications.

Additionally, dosing and delivery systems are incorporated to ensure efficient and effective use of STERIS's formulated cleaning chemistries.

Every system is backed by service support from an unmatched direct force of over 900 global technicians. From installation to validation and ongoing operational support, STERIS partners with Customers through every step of their production process or research cycle to maximize uptime and the operational lifespan of the equipment in use.

STERIS

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