Lower Your Costs.
Expand Your Flexibility.
Reliance® Synergy™
Washer/Disinfector
The Value of STERIS Synergy

With the new Reliance Synergy Washer/Disinfector, STERIS introduces new washing systems technologies that work in synergy to bring you higher value and performance. Lower your costs while reducing your environmental impact. Match better productivity with increased safety. Tune your hardware and cleaning chemistries to work together perfectly. And take advantage of superior engineering, manufacturing, and service that make STERIS the right choice.

Maximum Operational Cost Savings

Reduce Utility Consumption

With the Synergy Washer/Disinfector, STERIS has developed new ways to reduce your utility and consumable costs. The Synergy Washer allows you to use less detergent, and tailor that amount specifically to your task. It uses an optimal 9.5 gallons of water per phase at high impingement, a 25% reduction from first-generation designs. At low impingement, the Synergy Washer uses an economical 5.8 gallons, a 54% improvement.

Gain 25% More Capacity While Reducing Cycle Time

Synergy is the first Reliance family washer/disinfector validated with a capacity-expanding 5-level washing manifold. Utilizing low profile mesh trays for enhanced cleaning contact, the Synergy Washer can process 10 trays per cycle. Airtight doors and vented drying save you significant time in the drying phase. Non-vented drying is also available. Now you can turn around critical instruments in 28 minutes—fitting more trays in every load, and more cycles into every day.

Boost Workflow and Productivity

The Synergy Washer/Disinfector offers you dozens of ways to improve your operation’s efficiency. A wide selection of manifold racks are easily exchanged from load to load. Power vertical sliding doors allow pass-through operation. A standard detergent extension kit makes changing detergents almost effortless. For the full line of accessories that smooth workflow and increase productivity, please see the back of this brochure.

Stay Up and Running with STERIS Service

The Synergy Washer’s built-in service diagnostic program eases maintenance and prevents costly downtime. And STERIS offers a full range of preventative maintenance service contracts, as well as 24-hour access to engineering technical service backed up by more than 700 service professionals in North America.
New Flexibility for Every Task

Automated Transport and Loading Systems
STERIS expert Systems Project Managers can design an optional Load/Unload System or Automated Transport System (ATS) to increase your operation’s productivity and efficiency. The Reliance Load/Unload System can afford staff up to 1.5 hours of continuous operation. The Reliance ATS provides a flexible automated conveyor design for hands-free processing through multiple Synergy Washer/Disinfector systems.

Use Up to Five Detergent Pumps
The Synergy Washer/Disinfector gives you total flexibility to match our cleaning technology to your cleaning task. With the choice of using up to five standard detergent pumps, you can mix and match up to five different chemistries. Detergent pick-up tubes ensure adequate detergent availability prior to initiating a cycle. Use a neutral pH combination for delicate instruments.

Use a high-alkaline mix to produce a “European Wash” cycle.

Choose Your Cleaning Speed
The Synergy Washer offers you the choice of two motor speeds. The high impingement speed delivers a high-pressure (7.5 hp) spray suitable for neutral detergent use. The low speed option (2 hp) delivers a low-pressure spray that can cut your utility costs in half.

Program Cycles More Easily
The 3000 Series microprocessor control system on the Synergy Washer gives you full programming flexibility without the frustrating complexity of some systems. The system is extremely easy to use—just press START. The integrated thermal printer documents cycle parameters for recordkeeping.
High-Performance Cleaning

Count on Consistent Outcomes
STERIS knows you require consistent efficacy and validated performance. Our Cycle Guarantee assures that every load meets water temperature and time parameters required for thermal disinfection. We offer complete validation services to meet testing protocols, including our TSSR program that determines balanced detergent input based on an analysis of your facility’s water. The extensive line of STERIS chemistries includes formulations optimized for specific cycles.

Protect Each Load with a HEPA Filter
To prevent recontamination of disinfected loads, every Synergy system includes a HEPA filter that assures micron-free air for more effective drying without airborne contamination.

Tackle Tough Proteins with Pulsed Enzyme Technology
The Synergy Washer’s special pulsed enzyme pretreatment phase is ideal for cleaning protein-soiled instruments. The phase uses a careful combination of recirculation and soaking that allows enzymes to perform the way they are designed to, effectively removing protein-based bioburden.

Monitor Cycles Independently
The Synergy Washer’s optional independent control system can improve your quality process by adding a level of performance assurance beyond visual inspection. The system checks every vital component of the cycle, independent of the control center, using different probes and sensors for redundant assurance of pump pressure, detergent flow, final rinse water intake conductivity, washing time, and washing temperature.

Reap the Rewards of Better Design
STERIS built numerous innovations into the Synergy system to deliver higher performance and efficacy. The streamlined chamber drains completely after each washing phase, which reduces residues. The heating element is located outside the chamber to reduce bacteria buildup. A single, easy-to-remove debris screen captures more small particles than ever before, keeping spray arms clear. And the rotary arms use a bi-directional spray pattern for maximum cleaning contact coverage.
Safety for Staff, Patients, and Environment

Keep Temperatures on Target
To keep items safe for non-gloved handling at cycle end, the Synergy Washer’s thermal disinfection phase guarantees a water set point of 180°F-203°F for no less than one minute. The optional drain discharge cool down feature can help you stay in compliance with facility requirements.

Trust Airtight Door Seals
The Synergy Washer’s airtight door seals enhance drying and reduce noise, and come with a five-year, 10,000-cycle guarantee. The Synergy Washer offers you a new level of door safety, powered by a locking pneumatic cylinder/CAM design. We’ve also added a gasket to ensure tight, reliable sealing.

Operate Only When Safety is Assured
The Synergy Washer is designed to eliminate door-related failures. The lockout feature prevents or stops the cycle if a door is not fully closed. A low-pressure contact sensor instantly retracts the power doors when they encounter any obstruction—even small ones. To control cross-contamination, the Synergy Washer allows only one door open at a time.

Reduce Your Environmental Impact
The Synergy Washer/Disinfector gives you the power to reduce your environmental impact—without sacrificing cost savings, productivity, or efficacy. By helping you reduce utility consumption, the Synergy Washer allows you to conserve natural resources, especially through lower water use. And the Synergy Washer’s drain discharge cool down capabilities can make your water output more environmentally friendly, too.
Cycle-Specific Cleaning Chemistries
The Synergy Washer/Disinfector lets you take advantage of superior quality cleaning chemistries, manufactured only by STERIS, that are designed to work specifically for your cleaning task and your STERIS equipment. With your washer and your chemistries working together, you get optimal cleaning efficacy according to your specific needs.

**Enzymatic Detergents**
- *EnzyCare®* 2 Dual Protease Enzymatic Detergent
- *Klenzyme®* Single Protease Enzymatic Cleaner
- *Adi-Zyme®* Single Lipase Enzymatic Detergent

**Neutral pH Detergents**
- *Renu-Klenz®* Unique Neutral pH Cleaner, with Instrument Protection System
- *NpH-Klenz®* Neutral pH Cleaner, compatible with sensitive metals and plastics

**Instrument-Safe Alkaline Detergents**
- *Criti-Klenz®* Instrument Detergent—Safe alkaline cleaner with Instrument Protection System
- *Instru-Klenz®* Instrument Detergent—Safe alkaline cleaner, particularly effective in hard water
- *Liqui-Jet 2®* Instrument Detergent—Low-foaming alkaline chemistry effective against blood, soils, and stained instruments
- *C-A-Klenz®* Instrument Detergent—in combination with H-Klenz (neutralizer), creates an effective “European Wash” technology

**Specialty Cleaning Chemistry**
- *Hinge-Free®* Instrument Lubricant—Keeps instruments operating smoothly
- *Dri’N Shine®* Drying Agent—Causes sheeting during rinse phase which prevents spotting
Washing Accessories

The complete line of STERIS accessories offers everything you need to tailor your equipment for what you wash—as well as how and where you work. And every Synergy Washer accessory delivers the engineering and manufacturing quality you expect from STERIS.

Two-level Manifold Rack (FD70-500)
Holds loaded large instrument trays and general purpose, bedpan, tray, basin, or glassware rack during processing.

Three-level Manifold Rack (FD70-600)
Holds six large instrument trays during processing.

Four-level Manifold Rack (FD24-000)
Holds up to eight large instrument trays during processing.

Five-level Manifold Rack (FD24-500)
Holds up to ten mesh trays of instruments during processing.

Anesthesia Tubing Rack (FD70-400)
Holds different types of tubing and respiratory goods.

General Purpose Rack (CM53-000)
Has a single compartment which holds trays of surgical instruments, as well as miscellaneous hard goods, such as containers.

Bedpan Rack (CM56-000)
Has eight sets of spacers—each set holds one bedpan upright for drainage.

Rigid MIS Instrument Rack (FD66-400)
Holds up to 52 cannulated MIS instrument components for complete washing and disinfecting.

Basin Rack (CM54-000)
Has four sets of spacers—each set supports and separates, vertically, two basins or bowls (solution, wash, emesis, etc.) up to 12” (305 mm) in diameter; or one basin or bowl up to 14-3/4” (375 mm) in diameter.

Glassware Rack (CM57-000)
Has sixteen sets of spacers—each designed to support an inverted beaker, bottle, jar, urinal, or flask. Each rack compartment has a spray nozzle.

Tray Rack (CM55-000)
Accommodates nine 16” x 22” (406 x 559 mm) or eighteen 11.5” x 15” (292 x 381 mm) shallow trays. Spacers separate and hold trays upright.

Suction Tips & Instrument Rack (FD72-700)
Holds up to 18 cannulated suction tips and 7 full-size instrument trays during processing.

Universal Transfer Cart (FD61-700)
Designed for transferring accessories and is adjustable to heights of 29.25” (743 mm) to 36.75” (935 mm) above the finished floor.

Rack Dolly (CN11-070)
For rack transfer and storage.

Transfer Cart (FD21-800)
For transferring accessories into and out of the washer.

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Find Out More about Synergy

The Synergy Washer/Disinfector offers you the perfect combination of cost-efficiency, flexibility, efficacy, and safety. For more information, contact your STERIS Account Manager.