

# Consolidated Sterilizer Systems Double Door Pass-Thru Autoclave / Sterilizer

Pass-thru (double-door) sterilizers may be ordered with optional door interlocks. This electro-mechanical lock on each door minimizes the chance of cross-contamination between contained and uncontained areas by preventing both doors from being opened simultaneously. Additionally, this feature prevents the uncontained side door from opening until a sterilization cycle has successfully completed.

Rating: Not Rated Yet  
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Manufacturer[Consolidated Sterilizer Systems](#)

## Description






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## Description / Models

### CSS Double Door Pass-Thru Autoclave / Sterilizer

Consolidated's pass-thru sterilizers are commonly used in biocontainment facilities, such as in BSL-3 rated laboratories, as well as clean-rooms. Each pass-thru model comes equipped with full touchscreen controls mounted on each end of the unit for operation from within or outside the containment area. Pass-thru units placed in BSL-3 labs are built to comply with the tough requirements of biocontainment facilities. Read more below, in our BSL-3 section, to learn more about our BSL-3 configuration.

- Made In the USA
- Lowest Total Cost of Ownership

| Model   | Chamber Dimensions   | Volume                      |
|---|--|-----------------------------|
|  PT-SSR-2A | 12' x 11 x 5'8"<br>30.5 x 16' x 20'<br>40.6 x 40.6 x 66 cm | 3.5 cu. ft.<br>109 liters   |
|  PT-SSR-3A | 20' x 20' x 36"<br>50.8 x 50.8 x 96.5 cm                   | 8.8 cu. ft.<br>249 liters   |
|  PT-SR-24A | 24' x 24' x 36"<br>61 x 61 x 91.4 cm                       | 12 cu. ft.<br>340 liters    |
|  PT-SR-26A | 26' x 26' x 36"<br>66 x 66 x 99 cm                         | 15.25 cu. ft.<br>430 liters |
|  PT-SR-24B | 24' x 24' x 48"<br>61 x 61 x 122cm                         | 16 cu. ft.<br>453 liters    |
|   | 24' x 36' x 36"<br>61 x 91.4 x 91.4 cm                     | 18 cu. ft.<br>510 liters    |

|   |           |   |                           |
|---|-----------|---|---------------------------|
|  | PT-SR-24C | 26" x 26" x 49"<br>66 x 66 x 124.5 cm   | 19.2 cu. ft<br>544 liters |
|  | PT-SR-26B | 26" x 26" x 49"<br>71 x 71 x 122 cm     | 21.8 cu.ft<br>617 liters  |
|  | PT-SR-28B | 26" x 36" x 49"<br>91 x 91.4 x 122 cm   | 24 cu. ft<br>680 liters   |
|  | PT-SR-24D | 24" x 36" x 60"<br>61 x 91.4 x 152.4 cm | 30 cu. ft<br>850 liters   |
|  | PT-SR-24E | 24" x 36" x 72"<br>61 x 91.4 x 183 cm   | 36 cu. ft<br>1,019 liters |
|  | PT-SR-24F |   |                           |

CSS Double Door Pass-Thru Autoclave Video

Steam Source

This sterilizer can accommodate or be supplied with the following steam sources:

- House Steam
- Electric – Integrated Boiler
  - ProGen™ Carbon Steel
  - ProGen™ Stainless Steel
- Electric – Remote Boiler
- Carbon Steel
- Stainless Steel

Steam-to-Steam Remote Boiler (Heat Exchanger)

Air Removal

This sterilizer can accommodate the following air removal methods:

- Gravity
- Gravity with Post-Vacuum
- Pre-Vacuum
  - Liquid Ring Pump
  - Venturi / Water Ejector System

Materials of Construction

Chamber Options

316L Stainless Steel, Nickel-Clad

Jacket Options

Carbon Steel, 304L Stainless Steel, 316L Stainless Steel

Plumbing Options

Bronze, Brass, Copper, 316L Stainless Steel

Features

| Feature  | Benefit  |
|--|--|
| Cloud-enabled internet connectivity                  | Allows for cloud-based data storage, real time monitoring, and cycle alerts & reminders                                    |
| Unique non-stick door gasket                         | Specially formulated to eliminate sticking and to avoid door jamming   |
| Air-actuated gasket                                  | Minimizes steam exposure to greatly extend gasket working life   |
| Whisper-quiet, integrated air compressor             | Minimizes noise, eliminates need for facility air supply, supplies constant air pressure to gasket                         |
| Side-mounted controls                                | Avoids steam exposure to electronics and extends touchscreen life  |
| Front access swing-out assembly                      | Simplifies serviceability, assures access to all components  |
| Counterbalanced sliding door                         | Simplifies working footprint, lifts without the complexity of pneumatics or service-prone hydraulics                       |
| Low-mounted counter pulleys                          | Prevents steam exposure to pulley system, minimizes corrosion on pulley cables   |
| One style solenoid valve used throughout sterilizer* | Simplifies maintenance, non-proprietary valve reduces cost   |
| Integrated post-vac drying cycle                     | Vacuum drying phase eliminates steam and removes moisture from the load (i.e. reduces wet-packs)                           |
| Front-mounted chamber drain                          | Simplifies access to the chamber drain strainer for easy cleaning  |
| Pressure gauge calibration                           | Permits periodic calibration to maintain accuracy, extend component life   |
| Customizable design**                                | All sliding door sterilizers are custom made to exact configuration, functionality and options                             |
| Slim profile   | Fits through standard doorways   |
| Automatic power door operation ***                   | Powered door operation allows 1 finger open/close operation. The door can be manually operated in the event of power loss. |
| WaterEco® Conservation System****                    | Significantly reduces sterilizer water usage   |

\* CSS Exclusive

\*\* Manual operation is the standard configuration for all vertical sliding door autoclaves. An upgrade to "power door operation" is available as an option.

\*\*\* Optional

## Cloud-Enabled

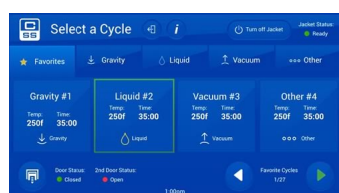
Consolidated sterilizers connect to the internet and are preconfigured for cloud-based monitoring, alerting and data collection.

## Sustainable Features

Reducing the utility costs and carbon footprint are important consideration for many facility and sustainability stakeholders. Consolidated understands the role autoclaves can play, and we've developed these state-of-the-art configurations to significantly reduce water and energy usage for both new and existing sterilizers.

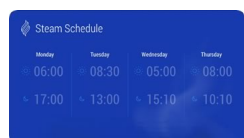
## X1™ Controller

Consolidated's X1™ controllers offer proven reliability, based on an industrial PLC platform programmed specifically for Consolidated's sterilizers.



The X1™ control system include these user-friendly features:

- Intuitive user interface with modern, easy to view 7" touchscreen display.
- Ability to program up to 50 sterilization cycles.
- Ability to add "favorite cycles" shortcuts for quick access.
- Ability for managers to prevent users from modifying sterilization parameters on individual cycles.
- Built from industry-standard, open-source components allowing for easy availability of parts and service.



## EcoCalendar

The X1 controls are equipped with a calendar-based automatic start-up and shut-down feature known as EcoCalendar. This feature helps minimize utility consumption and HVAC load through a software controlled, automatic steam shut-off program. Utilities can be programmed for automatic start-up and shut-down based on time of day and day of the week.

## Cloud Access

### Maximize laboratory productivity with Consolidated's cloud-enabled steam autoclaves.

Thanks to a unique partnership with TetraScience, an Internet-of-Things company, Consolidated autoclaves are now able to connect to the internet—allowing scientists, lab managers, and facilities personnel to monitor their autoclaves and download their sterilization data from any internet-ready device. **This feature is now included on all Consolidated models** manufactured after Sept 2016.\* — simply connect the autoclave via Ethernet or Wi-Fi to enjoy the benefits (cloud-based data storage, real time monitoring, and cycle alerts & reminders). In addition to this cloud system, Consolidated autoclaves can be configured with SteriNET® Connex to include remote troubleshooting with live factory support; ideal for facilities that cannot afford any down-time or that are located in remote areas where service assistance is hours or days away.

### Cloud Upgrade Available for Existing Autoclaves

Enhance your existing autoclave to harness the Cloud using our Cloud Upgrade Kit. This kit enables a Consolidated sterilizer with an existing Advantage-Series (ADV-PB, ADV-PLUS or ADV-PRO) controller to be upgraded and have all the cloud capabilities as newer-model sterilizers.

### Consolidated's On-Demand Cloud Demo

Wondering how Consolidated's cloud-enabled autoclave software works? Watch a quick demo below.

## Reviews

There are yet no reviews for this product.