

## 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	W x H x D 20" x 16" x 20" 40.6 x 40.6 x 66 cm	(Cu. Ft./Liters) 3.5 cu. ft. 109 liters
 PT-SSR-3A	20" x 20" x 36" 50.8 x 50.8 x 96.5 cm	8.8 cu. ft. 249 liters
 PT-SR-24A	24" x 24" x 36" 61 x 61 x 91.4 cm	12 cu. ft. 340 liters
 PT-SR-26A	26" x 26" x 36" 66 x 66 x 99 cm	15.25 cu. ft. 430 liters
 PT-SR-26B	24" x 24" x 48" 61 x 61 x 122cm	16 cu. ft. 453 liters
 PT-SR-24B	24" x 36" x 36" 61 x 91.4 x 91.4 cm	18 cu. ft. 510 liters

	PT-SR-24C	26" x 26" x 49" 66 x 66 x 124.5 cm	19.2 cu. ft 544 liters
	PT-SR-26B	26" x 26" x 49" 66 x 66 x 124.5 cm	21.9 cu.ft 617 liters
	PT-SR-28B	24" x 36" x 49" 61 x 91.4 x 122 cm	24 cu. ft 680 liters
	PT-SR-24D	24" x 36" x 60" 61 x 91.4 x 152.4 cm	30 cu. ft 850 liters
	PT-SR-24E	24" x 36" x 72" 61 x 91.4 x 183 cm	36 cu. ft 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 load limits, 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, extends 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.

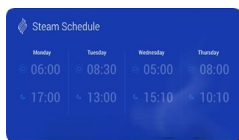
## X1™ Controller

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.