STERIS
Life Sciences

AMSCO® LS Series
Small Laboratory Steam Sterilizers

The AMSCO LS Series Small Laboratory Steam Sterilizer is designed for fast and efficient sterilization of heat- and moisture- stable materials used in scientific applications. Incorporating safety and reliability, the easy-to-use AMSCO LS Series Small Laboratory Steam Sterilizer is also flexible and sustainable.

The AMSCO LS Series Small Laboratory Steam Sterilizer comes in two chamber sizes:

AMSCO 110LS 16 x 16 x 26" (406 x 406 x 660mm)
AMSCO 250LS 20 x 20 x 38" (508 x 508 x 965mm)

• Allen Bradley* Control provides up to 20 programmable cycles along with standard Daily Air Removal Test and Leak Test
• A Printer is provided as standard to maintain records
• Option integrated vacuum pump and electric steam generator are available
• Loading accessories are available as either an internal rack and two shelves or loading car and transfer carriage

*Allen-Bradley is a registered trademark of Rockwell Automation, Inc.

SUSTAINABILITY

The AMSCO LS Series Small Laboratory Steam Sterilizer is equipped with many standard features designed to easily conserve the use of water and energy, including auto utility start up and shut-down, a stand by mode that shuts down the jacket and generator and a new green mode that only turns off the jacket thereby conserving energy, but can quickly return to temperature to begin a cycle.

The AMSCO LS Series Small Laboratory Steam Sterilizer can also be equipped with the STERI-Green® and STERI-Green Plus® Water Conservation systems.
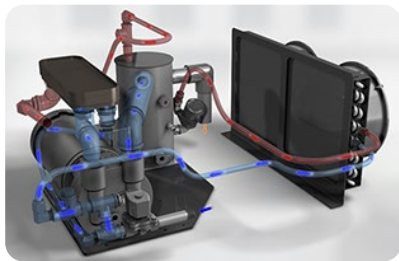
The STERI-Green® Water Conservation system can reduce water consumption by up to 75% per sterilization cycle.
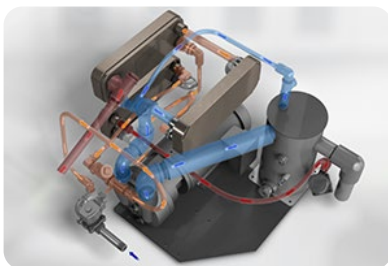
The STERI-Green Plus® Water Conservation system can reduce water consumption up to 99% - virtually eliminating the need for any domestic water required for cooling.

CONNECTIVITY

The LS Series Sterilizers include many advanced control features to provide text and e-mail alerts. All printer data is saved internally and can be viewed on the control panel and emailed as a pdf file. The control system is equipped with Ethernet ports and a USB port that provide multiple data exchange and export capabilities. Optional dry contacts are available to connect to a Building Management System. Standard features are provived to enable compliance to 21 CFR Part 11 Regulations for Electronic Records and Signatures.

VERSATILITY AND FLEXIBILITY

The AMSCO LS Series Small Laboratory Steam Sterilizer is suited for basic lab applications, but is equipped with options for more demanding cycles as well. Each sterilizer comes programmed with the standard pre-vac, liquid and gravity cycles. However, each unit is also programmed with a waste bag cycle preconfigured to assist with the removal of air trapped inside the bag. Each control is also pre-programmed with a cycle designed to meet the USP 660 standard for sterilizing glassware. All units are capable of running continuous cycles without human intervention and can reproduce cycles used in Healthcare environment for medical devices testing purpose (Note: The LS Series is not to be used for patient treatment applications).

Finally, preset cycles are available to process High Cell Density Perfusion Systems.

HIGH CONTAINMENT

The AMSCO 250LS can be provided with an air differential seal or a bioseal. Effluent decontamination cycle utilizing a 0.2 micro filter is available.

RELIABILITY

Reliability is a key requirement for any busy laboratory research facility. With STERIS, reliability starts in our ISO 13485 certified factory with a rigorous final inspection at our state-of-the-art testing facility.

- From the durable AMSE/PED certified stainless steel chamber and jacket, to the easily accessible parts, the AMSCO LS Series Small Laboratory Steam Sterilizer is designed to minimize downtime

- Our unique door seal that never needs lubrication is protected by a two-year warranty

- One-year warranty backed up by a global network of 1000 factory trained service technicians

Each pressure vessel is individually inspected and hydro pressure tested.