



Life Sciences



**AMSCO® LS Series**  
Medium Laboratory Steam Sterilizers

The AMSCO LS Series Medium 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 Medium Laboratory Steam Sterilizer is also flexible and sustainable.

## THE AMSCO LS SERIES MEDIUM LABORATORY STEAM STERILIZER

comes in various chamber sizes and door configurations:

26 x 26 x 39, 49 or 61"  
(660 x 660 x 991, 1245 or 1549 mm)  
with vertical automatic sliding door

26 x 37.5 x 42, 54 or 66"  
(660 x 953 x 1067, 1372 or 1676 mm)  
with manual hinged or horizontal sliding door



### AMSCO 430LS Sterilizer



### AMSCO 630LS Sterilizer

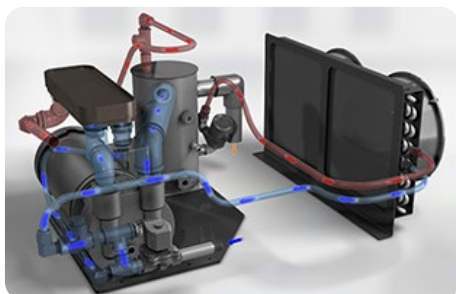
### AMSCO 630LS Sterilizer with Hinged Door

- 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 cycle records
- Standard integrated vacuum pump
- Optional electric steam generator
- Various loading accessories

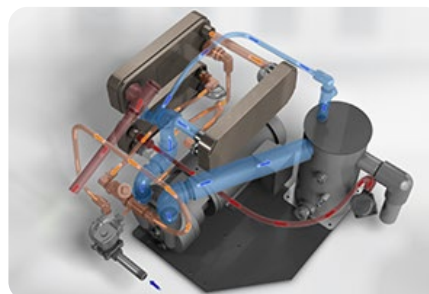
## SUSTAINABILITY

The AMSCO LS Series Medium Laboratory Steam Sterilizer is equipped with many standard features designed to 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 green mode that only turns off the jacket, thereby conserving energy while allowing quick return to temperature to begin a cycle.

The AMSCO LS Sterilizers 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 55 to 65% 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 AMSCO LS Series Medium Steam Sterilizers can easily be programmed to send out print data, cycle status alerts and alarms to computers or mobile devices. The control system offers various standard connectivity capabilities through Ethernet and USB ports allowing for cycle data storage, remote monitoring or easy interfacing with Customer provided Supervisory Control And Data Acquisition (SCADA) systems or PCs. Standard features are provided to enable compliance to 21 CFR Part 11 Regulations for Electronic Records and Signatures.

The LS Series features a color touch screen, standard printer, USB port and pressure gauges



## VERSATILITY AND FLEXIBILITY

The AMSCO LS Series Medium Laboratory Steam Sterilizer is suited for basic laboratory applications, and is also available with options for more demanding applications. Each sterilizer comes programmed with standard pre-vacuum, liquid and gravity cycles. The control system is also pre-configured with new standard cycles designed for specific laboratory applications such as waste decontamination in autoclavable bags, testing of glassware per USP 600 standard, and sterilization of High Cell Density Perfusion Systems. 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).

Effluent decontamination cycle, air differential seal or bioseal are available for biocontainment applications.



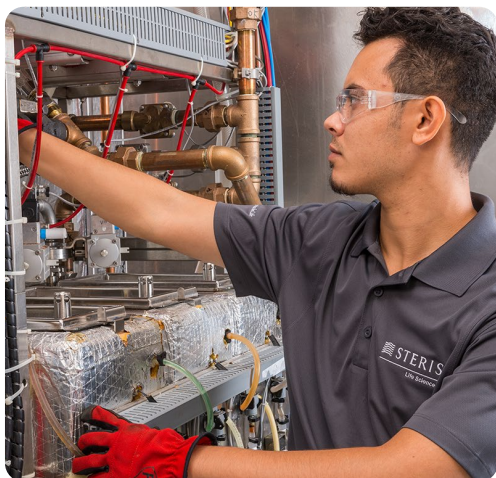
AMSCO 430LS Sterilizer  
processing laboratory waste bags



The AMSCO 630LS Sterilizer  
is also available with horizontal  
automatic sliding doors

## 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 Medium Laboratory Steam Sterilizer is designed to minimize downtime.



## SERVICE

Take advantage of our global Service team to keep your equipment performing at factory-intended levels. From preventive maintenance to 24/7 technical support, together we will implement a Service program that meets your critical needs.

- Maintenance Agreements
- Installation and Commissioning
- Qualification and Validation
- OEM Parts and Upgrades
- Training

STERIS is committed to delivering exceptional service and optimizing your overall equipment effectiveness.