A NEW SHAPE.  
A NEW STANDARD.  
The AMSCO® Evolution®  
Steam Sterilizer
An Evolutionary Advance in Sterilizer Control

The difference in Evolution’s controls is obvious, even from across the room. The end results – improvements in efficiency and productivity – will be just as clear.

A dramatic redesign of Evolution’s controls and displays includes crystal clear, high-resolution graphics and an Ethernet-enabled PC control. With one touch, operators can begin to learn it and put the control to work.

Look forward to Evolutionary differences in your Sterile Processing Department with greater throughput, reduced downtime and improved efficiency.
Intuitive Controls

AMSCO Evolution’s new advanced control technology yields significant benefits now and for the future:

Productivity and efficiency
- Large 8.4” touch screen - high resolution graphics
- Intuitive navigation
- Multi-lingual
- Front mounted temperature and pressure gauges

Connectivity and cycle documentation compliance
- On-board permanent ink printer
- CSiQ and workflow management
- ProConnect remote monitoring system

High performance
- Precision control – consistent, reliable processing
- 12 programmable cycles – gravity, prevacuum, liquid and optional steam flush pressure pulse (SFPP)
- Faster, deeper vacuum – improved conditioning and drying

Password protected, operator adjustable cycle parameters

One-touch control display at ergonomic height

Sterilizer settings are easily customized according to department needs

Large “time remaining” display is visible from across the department

Bold color graphics clearly indicate cycle phase and status
Open the door and look inside. This is where AMSCO Evolution’s unique shape really shines, providing consistent quality, reliability and productivity beyond other chamber designs.

Evolution’s inherently strong round or elliptical form promotes even pressure distribution within the chamber. The 26” wide chamber opening facilitates the loading of wide instrument sets and the processing of large volumes of instruments with minimal steam consumption. The fully jacketed chamber promotes even heating and minimizes the formation of excess condensation. Evolution’s steam activated gasket lessens the possibility of air entering the chamber, helping to ensure safe, efficacious processing for your patients.
Staff safety and productivity are enhanced with the new Evolution loading system and patented door lock system. The self-aligning transfer carriage makes loading effortless and the loading car nearly doubles instrument processing capacity compared to previous generation sterilizers. Operator contact with hot load contents is virtually eliminated and the low-effort door lock opens in seconds.

With a unique form, which improves function and helps to reduce operating costs over time, Evolution is an advance worth looking into.

Our manual door lock mechanism on hinged-door models requires minimal time and effort.

### Productivity Comparison

<table>
<thead>
<tr>
<th>Sterilizer</th>
<th>Chamber Size</th>
<th>Trays per Load</th>
<th>Lbs. per Tray</th>
<th>Lbs. per Load*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evolution</td>
<td>66&quot;</td>
<td>20</td>
<td>25</td>
<td>500</td>
</tr>
<tr>
<td>Previous Generation</td>
<td>60&quot;</td>
<td>15</td>
<td>17</td>
<td>255</td>
</tr>
</tbody>
</table>

*Validated load weight
Space is always at a premium in the sterile processing department. To minimize service clearance requirements, Evolution’s exquisitely engineered modular piping and electrical system can be rolled into place to the left or right of the chamber – with all the connections completed in about five minutes.

Leading edge plumbing components work together in a freestanding design that makes perfect sense for ease of installation, operation and service accessibility.

But inside is where quality parts make a real difference in system performance and uptime. Evolution’s modular piping system features reliable, high performance Burkert valves to minimize service and maintenance requirements. Sensors securely transmit information to STERIS’s ProConnect™ remote monitoring system to proactively monitor system performance and improve service support - all to keep your department at its most productive.*

The Evolution high efficiency two-stage vacuum pump improves drying and reduces water usage compared to other vacuum systems. Additional sensors minimize water and steam consumption to help reduce operational costs.

*Requires connection to the ProConnect Response Center.
The AMSCO Evolution modular piping system provides your department with tangible benefits beyond the norm.

- Quick, easy, flexible installation that conserves valuable department space
- Maximum system uptime and productivity
  - Reliable, long-life components
  - Improved service accessibility
  - Proactive remote monitoring system
  - Improved drying
  - Available clean steam capability
- Economical, green operation
  - High efficiency electric vacuum pump
  - Sensor technology minimizes utilities usage
Options to Fit Your Needs

Door Options (single or double) and Cabinet Packages

- All models can be recessed in the wall or fully enclosed in a cabinet.
- Evolution is available with manual hinged or fully automated door operation.

<table>
<thead>
<tr>
<th>Chamber Dimensions</th>
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<tbody>
<tr>
<td>26 x 37.5 x 42in</td>
<td>26 x 37.5 x 42in</td>
<td>26 x 26 x 39in</td>
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<tr>
<td>26 x 37.5 x 54in</td>
<td>26 x 37.5 x 54in</td>
<td>26 x 26 x 49in</td>
</tr>
<tr>
<td>26 x 37.5 x 66in</td>
<td>26 x 37.5 x 66in</td>
<td>26 x 26 x 61in</td>
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</table>
Accessories

Evolution can be accessorized to meet specific environmental and workflow requirements for maximum productivity and improved throughput in your CSSD.

Loading/Unloading System

- High capacity for maximum throughput
- Eliminates operator handling of hot loads
- Swivel casters for easy maneuverability
- Low profile docking mechanism for easy alignment
- Racks and shelves for selected chamber sizes
STERIS provides all the products and services you need to succeed

Driving compliance with a complete line of sterility assurance products

AMSCO Evolution Steam Sterilizers are a part of an unbroken chain of innovative solutions from STERIS.

That is the power of...

For more information please contact your STERIS representative or visit www.steris.com.