

Amsco[®] Lab Series Small Steam Sterilizers

Maximum Reliability, Performance,
and Value

The Amsco Lab 110 and Lab 250 sterilizers were designed with the needs and the budget of the laboratory research market in mind. The Lab Series sterilizers provide the same time-proven, safe, and reliable chamber and stand assembly as the Century[®] sterilizer that has been offered to the healthcare and life sciences markets since 1992.

The Lab 110 and Lab 250 feature an Allen-Bradley MicroLogix[™] control and a full-color operator interface. The unit is equipped with gravity and liquid type cycles as standard. Optional prevacuum and isothermal cycles are also available if required. A manually operated vertical sliding door is combined with the non-lubricated door seal for reliability and ease of use. The drain line piping package meets or exceeds the maximum water temperature requirements of the industry - 60°C (140°F).

Easy to Use and Reliable

- The manual vertical sliding door opens and closes with minimal effort.
- Our unique door seal never needs lubrication and is warranted to last two years without replacement. The specially machined groove assists in extending seal life.
- Sliding shelves are sleeved in Teflon[®] for smooth movement.
- The entire rack system is removable for easy cleaning.
- Reliable Allen-Bradley MicroLogix[™] 1200 PLC control system is tested to meet all applicable code requirements and standards for industrial application.
- The process control system provides continuous cycle monitoring and control, as well as service diagnostics.
- Modularized piping with fewer component connections reduces maintenance and simplifies service.



The Lab 110 and Lab 250 sterilizers offer full range of processing cycles, including the standard gravity with liquid cycle plus optional prevac or isothermal cycles.

STERIS[®]



Life Sciences

State-of-the-Art Control System

Display

- PanelView™ 600 TFT color display
- 320 x 240 pixel touch-screen display
- Easy to read in all light conditions
- Complete messages – no codes or abbreviations
- Self-prompting
- Help screens
- Moisture protected
- Easy to clean
- Internal battery back-up cycle memory
- Compact flash card maintains 128MB of data

Printer

- Ink-on-paper (printouts won't fade over time)
- Easy spool replacement
- Full printout
- Duplicate print of last cycle run

Operating Parameters

- Security access codes
- Sterilization time and temperature
- Temperature units in °F or °C
- Pressure/vacuum units in psig/in. Hg or Bar
- Time in AM/PM or 24 hour

Options

- Stainless steel piping
- Bioseal
- Decontamination cycle
- Many more



Sliding shelves are sleeved in Teflon® for smooth movement.

Highly Productive

Control includes eight preprogrammed cycles for processing various load types in a single sterilizer. The 316L stainless steel, fully jacketed pressure vessel is ASME rated at 50 psig (3.5 Bar) to support higher processing temperatures. This means reduced processing time.

Easy to Install

The entire front cabinet panel opens for easy access to piping and control components. Utility connections and most routine maintenance can be done from the front of the sterilizer.

Sized with chamber dimensions of 16x16x26" (406 x 406 x 660mm) or 20x20x38" (508 x 508 x 965mm), these units are designed to fit your existing space. Both sizes are available with a single door, or with double doors for pass through. Door is retained on all four sides to assure complete chamber integrity during operation.

Control program automatically removes residual steam humidity from the chamber, thus preventing escape into the operator's work areas when door is opened.

Technical Service and Support

Professional equipment installation, startup, and in-service support is available. The sterilizer control system can be directly linked to service with a modem hook-up for software and hardware diagnostics and troubleshooting.

STERIS's expert field service organization is focused on planned maintenance and equipment service.



Operator Interface and Ink-on-paper Printer with auto take-up reel.



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 ■ USA
440-354-2600 ■ 800-444-9009
www.steris.com

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Benelux	32 2 523 2488	Italy	39 22 130341
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