



**CONSOLIDATED
STILLS & STERILIZERS**

STERILIZERS

>> DESIGNED to transform your lab.



HIGH PERFORMANCE

LOW MAINTENANCE COSTS

DEPENDABILITY

NON-PROPRIETARY PARTS

>> solutions inside

**Celebrating
over 60 years
of sterilization
excellence.**

history

Consolidated Stills & Sterilizers was founded by William A. Barnstead in 1946. For over 60 years we have enjoyed a reputation for excellence in the field of sterilization and distillation products.

Our office and factory are located in Boston, Massachusetts, a city rich with universities, hospitals, government laboratories, and private enterprise. Today we compete in a global marketplace with our products installed in over 60 countries throughout the world. Customers worldwide come to Consolidated because we manufacture a product line with the best price, functionality and predictable quality in the industry.

PB-SERIES Steam Sterilizers

Consolidated's PB-Series Sterilizers offer the highest reliability as well as simplicity by design. Ideal for high volume facilities with multi-tasking scientists and busy graduate students; these sterilizers utilize industry standard cycles: Gravity, Fast, and Liquid (vacuum-drying optional). All cycles include an initial conditioning or purge phase for air removal.

PB-Series Features:

- Steromaster Mark II Digital Automatic Controls
- One Button Cycle Operation:
 - > Four Color Coded Pushbutton Selector Switches
 - > Dry, Fast and Liquid Cycles
- Controlling, Recording, & Indicating Thermometer
- Ideal for microbiology laboratories
- Work-horse
- Easy to use
- No programming required
- Cycles initiated with press of a single button
- Minimal service requirements

20" x 20" x 38" PB-Series Sterilizer with Steromaster Mark II Digital Automatic Controls



Uses non-proprietary parts available from local suppliers

www.consteril.com

3 SIMPLE AND EFFECTIVE CYCLES

FAST: unwrapped goods, flash sterilization

FLUID: solutions, media, nutrient broth

DRY: wrapped goods, cotton, rubber
(times and temperatures may be adjusted)

MC-SERIES Steam Sterilizers

Consolidated's MC-Series Sterilizers provide you with an advanced microcomputer controlled system. These sterilizers are completely menu-driven and allow you to program and monitor sterilizer functions with a degree of sophistication that is unsurpassed. Our MC-Series Sterilizers are FDA approved and are an excellent choice for healthcare, research, and industrial applications.

MC-Series Features:

- Mark V Microcomputer Control Center
- Sealed keypad
- On-board battery back up
- Self-diagnostic system check
- Authorization (password) codes for supervisors and lab managers
- Alphanumeric printer to provide a permanent record of all data
- 18 pre-programmable cycles
- RS-232 port allows users to store data on a laptop or desktop computer (optional)

Tower Model, MC-Series Sterilizer with Mark V Microcomputer Control Center



Uses non-proprietary parts available from local suppliers

sterilizer overview

Transform Your Lab and Solve Workflow Issues

Our reputation for reliability, quality, and safety is built into every sterilizer so your operation will enjoy maximum uptime. All Consolidated sterilizers incorporate a solid silicone door gasket that can be easily replaced without tools or adhesives. We also utilize **non-proprietary valves** that are often available from local suppliers. These features, plus Consolidated's industry renowned quality, help our network of local dealers ensure the lowest cost of ownership in the industry — while maintaining the highest standards of sterilization.

Standard Sterilizer Features

- Heavily constructed door/pin system that assures safety
- ASME U-1 Code Stamped Pressure Vessels
- Stainless Steel Chamber
- Stainless Steel Cabinet Mounting
- Hinged, Fully Opening, Manual Door
- Radial Arm Door with Solid Silicone Gasket
- Shelving
- Thermocouple Port
- UL, cUL listed



Vacuum Options: Users have the choice of two vacuum systems: the **Water Ejector** meets your low initial cost objective while the **Water Ring Pump** is a water saver and reduces cycle times. Both include a waste water-cooling system that reduces effluent to less than 140°F for safe discharge into PVC drains. The three pre-vacuum pulses and the post vacuum set points are preset by Consolidated.

CUSTOMIZE YOUR INVESTMENT

OPTIONAL FEATURES

PB-SERIES

MC-SERIES

Vacuum Options

Pre-Vacuum Cycle		X
Pulse-Vacuum Cycle		X
Post-Vacuum Cycle	X	X

BSL-3 (Pass Thru) Options

Double Door	X	X
Effluent Decontamination System	X	X
Cross-Contamination Bioseal	X	X
Electric Door Interlock		X
Double Door Warning System	X	X
Remote Start	X	X

Other Options

Integral Electric Steam Generator	X	X
Automatic Generator Blowdown	X	X
Automatic Jacket Blowdown	X	X
Loading Cart and Transfer Carriage	X	X
Effluent Waste-Water Cooling (Johnson Valve)	X	X
RS-232 port		X
Low-Temp Controls	X	X
Air Over Pressure		X

PB and MC Sterilizer Models

MODEL	INTERNAL DIMENSIONS		VOLUME	
	(inches)	(mm)	cu ft	liters
SSR-2A	16 x 16 x 26	406 x 406 x 660	3.9	109
SSR-3A	20 x 20 x 38	508 x 508 x 965	8.8	249
SR-24A	24 x 24 x 36	610 x 610 x 914	12.0	340
SR-24B	24 x 24 x 48	610 x 610 x 1,219	16.0	453
SR-24C	24 x 36 x 36	610 x 914 x 914	18.0	510
SR-24D	24 x 36 x 48	610 x 914 x 1,219	24.0	680
SR-24E	24 x 36 x 60	610 x 914 x 1,524	30.0	850
SR-24F	24 x 36 x 72	610 x 914 x 1,829	36.0	1,019
SR-26A	26 x 26 x 39	660 x 660 x 991	15.0	425

All model numbers and respective sizes apply to either PB or MC series sterilizers.



There are many more options available. Take advantage of our free consultation and design assistance by contacting us directly.

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