

VHP® MD140X

Biodecontamination Unit

With programmed cycles, a high capacity chamber, and range of applications, the STERIS VHP MD140X Biodecontamination Unit establishes the industry standard for low-temperature biodecontamination of instruments and reusable instruments for non-human use.



Advantages

Easy Operation

- Three factory programmed cycles for Lumen, Flexible Lumen and Non-Lumen loads simplify operation.¹
- Ergonomic shelving makes loading and unloading easy – just pull and push.

Productivity

- 4.8ft³ (136L) open, square chamber design offers industry leading space for processing more instruments per cycle.
- VHP process technology improves cycle time and daily throughput compared to conventional ethylene oxide systems.

Versatility

- Validated cycle capable of processing a non-lumen load of up to 19.65 lb (8.9 kg) in 28 minutes.
- Validated cycle capable of processing a lumen load of up to 20 lumens in 55 minutes.
- Validated cycle capable of processing a load of up to 2 flexible lumens or 1 flexible lumen and non-lumens load of up to 24lb (10.7kg) in 35 minutes.

Reliability

- Low sensitivity to moisture minimizes aborted cycles, saving time and enabling reliable instrument turnaround.

Efficiency

- Proprietary Vaprox® 59 Hydrogen Peroxide Sterilant minimizes risk of instrument damage and is biodegradable into water vapor and oxygen.

Base Unit Includes

- VHP MD140X
- Allen-Bradley Compact Logix™ Panel View Plus™ 6 1000 Display
- Power Cord
- Documentation

Applications

- Instrument Manufacturing
- Reusable Instruments²

Technical Specifications

Controller	Configuration	Input Power	Class	Input Current Amps	Dimensions HxWxD in (mm)	Net Weight lb (kg)
Allen-Bradley	Single Door Recessed	208-230V/3Ø/50-60Hz	UL/CSA	16	75-1/8 x 33 x 38-5/16	850 (386)
	Single Door Cabinet					1020 (463)

¹ Refer to the Vaprox 59 Hydrogen Peroxide Sterilant package label and insert for additional information and application instructions.

² Not for use to reprocess reusable instruments for human use.



Life Sciences

STERIS Life Sciences offers a suite of VHP services, chemistries and accessories to meet all of your biodecontamination needs.

Accessories

Seismic Tie Down Kit

Required for seismic installations for the safe operation of Biodecontamination Unit.

Trays & Organizer Clips

Trays are lightweight, durable and available in a variety of sizes to fit your instruments while organizer clips anchor instruments in-place for transportation.

Tray Mats

Mats are lightweight, durable and feature flexible prongs which loosely grip instruments.

Pouches

Vis-U-All™ pouches combine durable Tyvek with a clear 2.0 mL film to offer a wide variety of pouch sizes and styles in heat-seal, self-seal and customizable roll tubing.

Incubator

6 and 28 vial incubators designed for use with Spordex® S24 SCBI (NA340).

Sterility Assurance Products

VHP Sterilant

Vaprox® 59 Hydrogen Peroxide Sterilant
59% stabilized aqueous solution of hydrogen peroxide designed for use with VHP Biodecontamination Units and Accessories (EPA. Reg. No. 1043-123).

Chemical Indicators

Steraffirm™ PCC049

Chemical indicator designed for use with STERIS's VHP process technology.

Steraffirm™ PCC050

Chemical indicator designed for use with STERIS's VHP process technology.

Biological Indicators

Spordex® S24 SCBI NA340

E6 Geobacillus stearothermophilus 24-hour self-contained biological indicator designed for use with STERIS's VHP process technology.

About STERIS Corporation

STERIS Corporation is a leading provider of infection prevention and surgical products and services, focused primarily on critical healthcare, pharmaceutical and research markets around the world. The Company supplies a broad array of equipment, consumable and service solutions that help assure productivity and quality. The Company is listed on the New York Stock Exchange under the symbol STE. For more information, visit www.steris.com.

STERIS has a comprehensive offering of detergents, disinfectants, skin care products and sterility assurance products that support your needs. We also have world class technical support to design the most effective cleaning program for your facility.

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STERIS Life Sciences Service

Delivering world-class support where you operate, STERIS Life Sciences Service offers the following services:

- Biodecontamination
- Preventative maintenance programs
- Replacement parts
- Calibration
- IQ/OQ
- Cycle development



and other services upon request.