

**OPERATING PROCEDURE**  
**Decontamination Cycle**  
**STERIS® Lab Series**  
**Sterilizer**

(3-12-07)

P-387354-381 Rev. 0

# A WORD FROM STERIS

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This manual contains important information on proper use of the STERIS Lab Series Prevacuum Sterilizer. **All personnel involved in the use of this equipment must carefully review and comply with the warnings, cautions and instructions contained in this manual.** These instructions are important to protect the health and safety of personnel operating an Eagle Century Series sterilizer and should be retained in a conveniently accessible area for quick reference.

This sterilizer is specifically designed to process goods using only the cycles as specified in this manual. If there is any doubt about a specific material or product, contact the manufacturer of the product for the recommended sterilization technique.

STERIS® carries a complete line of accessories for use with this sterilizer to simplify, organize and assure sterility of the sterilization process. Instrument trays and biological/chemical monitoring systems are all available to fulfill your facility's processing needs. An STERIS® representative will gladly review these with you.

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## Service Information

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A thorough preventive maintenance program is essential to safe and proper sterilizer operation. Comprehensive instructions for routine preventive maintenance can be found in the *Routine Maintenance Procedure* provided.

You are encouraged to contact STERIS® concerning our Preventive Maintenance Agreement. Under the terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. STERIS® maintains a nationwide staff of well equipped, factory-trained technicians to provide this service, as well as expert repair services. Please contact your STERIS® representative for details.

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## Advisory

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A summary of the safety precautions to be observed when operating this equipment can be found in Section 1 of this manual. Do not operate the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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# **SUMMARY OF WARNINGS AND CAUTIONS**

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**1**

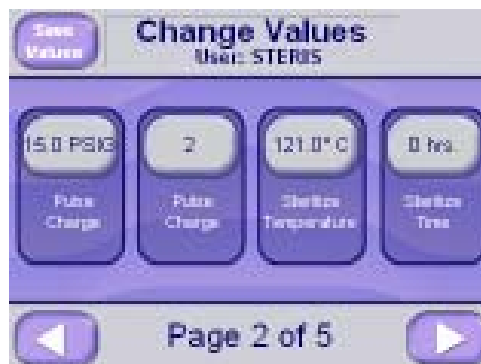
Refer to the Warnings and Cautions contained in the Service and Maintenance Procedure Manual that are to be observed when operating or servicing this unit. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. The precautions are repeated (in whole or part) where applicable throughout the manual. Carefully read all safety precautions before proceeding to use or service the unit.

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SCIENCES

The decontamination cycle values may be changed in the change values section of the supervisory mode. The following screens will appear:



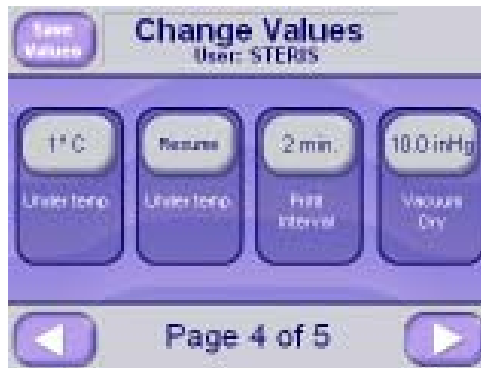
The cycle name, purge time, and pulse vacuum level may be changed on this screen. Press the right arrow button to advance to page 2.



The pulse charge level, number of pulses, sterilize temperature, and sterilize time may be changed on this screen. Press the right arrow button to advance to page 3.



The sterilize time, over temp and over drive values may be change on this screen. Press the right arrow button to advance to page 4.



The under temp., print interval, and vacuum dry values may be changed on this screen. Press the right arrow button to advance to page 5.



The dry time and exhaust type may be changed on this screen. The exhaust type may be slow exhaust or fast exhaust. Press SAVE VALUES button to save values entered and return to change values cycle select screen.

The filter life value may be changed on this screen.





## Decontamination cycle operation.

The decontamination cycle may be selected from the following cycle select screen.

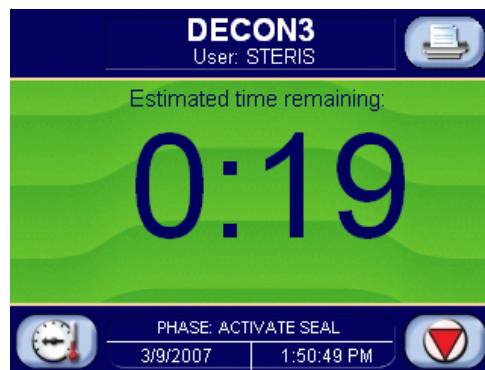


After the decontamination cycle is selected, the following screen is shown. The filter life remaining is shown on the bottom of the screen.



Press the button to start the cycle.

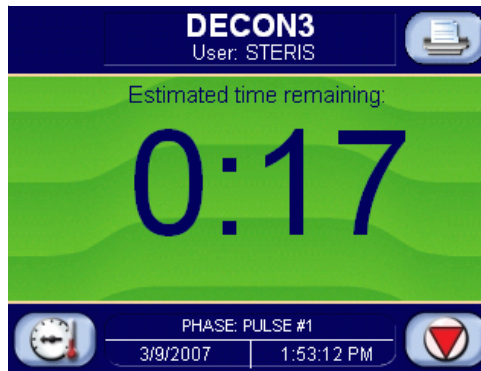
The jacket charge phase will occur first and then the door will be sealed.



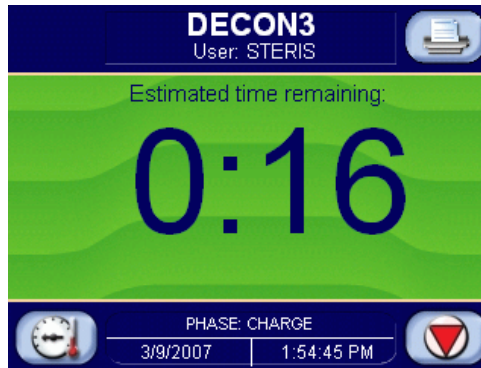
After the activate seal phase, the cycle will purge for the set time.



After the purge phase, the pulses will be performed.



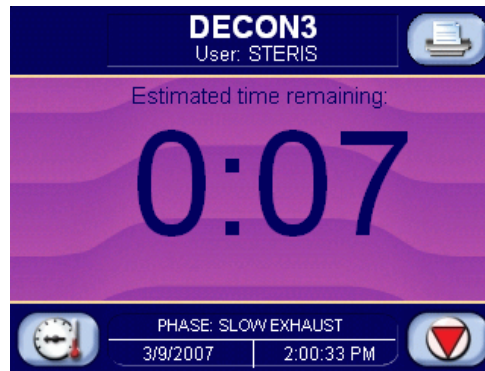
The charge phase will occur after the pulses.



The sterilize phase will occur for the set time.



The fast exhaust or slow exhaust phase will occur. The following shows the slow exhaust option screens. The fast exhaust option consists of fast exhaust, vacuum dry, air break, unseal door, and complete.



The vapor removal phase will occur for ten minutes.



The air break phase will occur:



The doors will be unsealed.



The complete phase will occur.

