

Approval: \_\_\_\_\_

HACKETTSTOWN REGIONAL MEDICAL CENTER

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OR  
(Scope)

**TITLE:** Steris Diagnostic Cycle

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**PURPOSE:** To outline the procedure of the completion of the Steris Diagnostic Cycle.

**SUPPORTIVE DATA:** The purpose of the diagnostic cycle is to ensure that the electro/mechanical systems are functioning correctly. The cycle consists of a series of internal tests that are sequentially performed. Once the diagnostic cycle has been completed successfully, the user is assured that the processor will operate as designed for sterile processing of surgical and diagnostic devices.

If there is a diagnostic cycle failure, the operator will be prohibited from initiating a sterile processing cycle until the problem has been corrected and a successful diagnostic cycle has been completed.

Steris recommends running a diagnostic cycle once every 24 hours. The diagnostic cycle will be done daily as the first load of the day.

**FREQUENCY:** The diagnostic cycle will be done daily as the first load of the day.

**EQUIPMENT LIST:**

**CONTENT:**

**PROCEDURE STEPS**

1. Prepare processor for diagnostic cycle. Place processing tray in processor.
2. Close the lid and press "diagnostic" button. "Diagnostic" light will turn on. "Ready" light will turn off.
3. Diagnostic Cycle: A series of tests will be sequentially performed. The duration of the diagnostic cycle is approximately 18 minutes.
4. Cycle completed.

**KEY POINTS:**

If the processing tray is designed for use with a processing container, **you must also place the processing container (with lid) in the processing tray.**

**Δ NEVER USE STERILANT FOR THE DIAGNOSTIC CYCLE**

The printer will start. In approximately 30 seconds the printout will advance to show Steris logo, date, time, load ID and remarks (five blank lines)

The inflatable seal automatically deflates.

The printout will advance to show the diagnostic cycle message, operator ID, processor serial number and current cycle count. Once the printout is complete, the diagnostic light will go out. Ready light will turn on.

5. Lift handle, open lid.

Processor is ready to process devices.

DOCUMENTATION: Record diagnostic cycle results in STERIS System 1 logbook

REFERENCE: Steris, System I Operator Manual. 1994.