

# Hall Surgairtome 2 Maintenance Instructions

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## SCRUB



Remove attachments from the Hall Surgairtome 2 prior to cleaning. With the drill facing downwards and the hose still attached, scrub the drill with a soft brush and mild detergent. Remove all traces of blood, debris, and stains. Manipulate all moving parts of the drill to ensure all debris is removed. Repeat process until all debris is removed.

## RINSE

With the drill facing downwards and the hose still attached, rinse all soap off the drill. Flush all surfaces free of tap water with distilled water to prevent metal discoloration.

Gently shake all equipment free of water and wipe the surfaces with a clean, lint-free towel.

Burguards can be rinsed with running water through the inside without causing damage.



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## STERILIZE



Disconnect the drill from the hose before sterilization. Make sure the collet is in the fully open/unlocked position. An 8-minute dry cycle is essential for proper functioning of this equipment.

See Sterilization Recommendations on the next page.

## CAUTION



**NEVER** lubricate Hall Surgairtome 2. Lubricating the Hall Surgairtome 2 can damage the motor and other internal components, causing the drill to function improperly.

**NEVER** immerse Hall Surgairtome 2 or attachments in water or soap solution.

**NEVER** place Hall Surgairtome 2 or attachments in Ultrasonic Cleaner.

**NEVER** use liquid or chemical disinfectant. Improper solutions can cause corrosion to internal components.

**NEVER** run Hall Surgairtome 2 while warm. Allow to cool prior to surgery by exposure to room temperature or cover with a cold, sterile towel.

## STERILIZATION RECOMMENDATIONS

1. Place the cleaned instruments in an instrument tray. Do not crimp the hose when closing the lid.
2. If instruments are to be wrapped, two double thicknesses of #140 thread count wrappers should be utilized. Exposure times are the same for wrapped or unwrapped instruments.
3. Follow the instructions for pre-vacuum steam sterilization or the gravity air displacement steam sterilization listed below.

### PRE-VACUUM STEAM STERILIZATION

If your pre-vacuum steam sterilizer has a pre-fixed cycle, use the hard goods cycle.

If it does not have a pre-fixed cycle:

1. Set temperature at 270° - 272°F (132° - 133°C)
2. Set exposure time for four (4) minutes.
3. Set drying time for eight (8) minutes minimum.

### GRAVITY AIR DISPLACEMENT STEAM STERILIZATION

1. Set temperature and corresponding exposure time:

Temperature	Exposure Time
270° - 272°F (132° - 133°C)	20 minutes
250° - 254°F (121° - 123°C)	40 minutes

2. Set drying time for eight (8) minutes minimum.

Note: For Sterilization Containers with filters, add five (5) minutes to Gravity cycle.

### STEAM STERILIZATION

Some sterilization is safe and effective, and there are no contraindications for sterilizing Hall Surgical Instruments, attachments, and accessories.

Ethylene Oxide sterilization is **NOT** a substitute for steam sterilization. Ethylene Oxide gas sterilization is not recommended for powered surgical instruments, as gas is used primarily for heat sensitive products. Hall powered surgical instruments are capable of withstanding the recommended exposure times and temperatures used in steam sterilization.

### STERILIZATION NOTES

Do not "Peel Pack" Hall Surgairtome 2 or attachments for sterilization to prevent damage due to trapped moisture.

Never sterilize the nitrogen regulator used in the operation of the Hall Surgairtome 2.

Never sterilize Hall Surgairtome 2 in a washer/sterilizer, STERIS system, STERRAD system, CIDEK, Abtox Plazlyte, or comparable sterilization methods.

Flash sterilization is not recommended for powered surgical instruments as it will not result in internal sterilization or proper drying.

Never remove components from sterilizer until drying cycle has ended.



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