

CLEANING INSTRUCTIONS



STEP 1

Immediately after use, submerge the device in a solution of warm water and enzymatic cleaner. Soak for a minimum of 20 minutes. **Note:** When submerging the forceps, insert the cups into the liquid first and slowly advance the cable into the fluid.

STEP 2

Beginning at the handle and working to the tip, wipe the device with a textured cloth soaked in enzymatic solution. *Caution:* Stretching the cable when wiping the Maxum will adversely affect the performance of the forceps.



With the cups open, gently brush all cup surfaces and the hinges with a soft nylon bristle brush.

STEP 4

Remove forceps from solution. Beginning at the handle, thoroughly rinse the handle, cable and cups with copious amounts of clean, warm running water. **Note:** Thorough physical cleaning to remove all foreign matter prior to ultrasonic cleaning is essential to prolong the performance characteristics of the forceps.



STEP 5

Ultrasonically clean forceps, with the cups open, for a minimum of 15 minutes at 25°C (77°F) per the ultrasonic cleaner manufacturer's instructions. *Caution:* Do not allow the forceps to dry between physical cleaning and placing in the ultrasonic cleaner.

STEP 6

After removing forceps from the ultrasonic cleaner, thoroughly rinse with clean water. Then rinse the forceps in 70% ethyl alcohol to facilitate the drying of the inner drive cable. Gently wipe the forceps dry with a lint-free cloth. Air dry the forceps by hanging for a minimum of three hours, or use medical grade (oil free) forced air along the cable and around the handle and cups.



STEP 7

Lightly lubricate the forceps hinges with medical grade silicone lubricant to help maintain the performance characteristics.

STEP 8

Loosely coil the forceps in a minimum 8 inch (20 cm) diameter and package for sterilization following AAMI recommended practices.*





* "Designing, Testing and Labeling Reusable Medical Devices for Reprocessing in Health Care Facilities: A Guide for Device Manufacturers", AAMI Technical Information Report, No. 12 - 1994.

[&]quot;Sterilization, Part I - Good Hospital Practices", AAMI Standards and Recommended Practices, Volume 1.1 - 1995.



DISINFECTING AND STERILIZING PARAMETERS

DISINFECTING

HIGH LEVEL DISINFECTION

- 1. Complete steps 1-6 in cleaning section.
- 2. Remove all excess liquid and submerge, cups first, into a gluteraldehyde disinfectant.
- 3. Soak following the time guidelines provided by disinfectant manufacturer.
- 4. Upon removal of the forceps from the disinfectant, *rinse thoroughly with clean running water*.
- 5. Follow steps 7-9 in the cleaning section.

STERILIZING

ETO CYCLE PARAMETERS	
PARAMETER	SET POINT
Prevacuum Pressure	2.0 psia (-25.9″ Hg Vac)
Relative Humidity	60% RH
Humidity Dwell	20 minutes
Chamber Temperature	54.4°C (130°F)
Exposure Pressure	To Be Determined ¹
Exposure Dwell	2 hours
ETO Concentration	600 mg/L
Post Vacuums	3
Post Vacuum Pressure	2.0 psia (-25.9″ Hg Vac)
Air Wash ²	5 minutes
Aeration Temperature	54.4°C (130°F)
Aeration Dwell	12 hours
Air Changes During Aeration	90 per hour

 ^1To be calculated by the institution to achieve an ETO concentration of 600 mg/L. $^2\text{Repetitive}$ vacuums from ambient pressure to 13.7 psia over 5 minutes.

AUTOCLAVE CYCLE PARAMETERS

PARAMETER	SET POINT
Cycle Type	Prevacuum
Prevacuum Pressure	2.5 psia (-24.8″ Hg Vac)
Chamber Exposure Temperature	134°C (273.2°F)
Chamber Exposure Pressure	41.8 psia (27.1 psig)
Exposure Dwell	5 minutes



Refer to current instructions for detailed system use. © 2006 Cook Endoscopy.

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