



The logo for Greenwald, consisting of the word 'GREENWALD' in white capital letters on a green, slightly curved rectangular background.

## CLEANING AND STERILIZING INSTRUCTIONS

Greenwald Catalog Items:

SE72 Series Electrodes  
SE79 Series Electrodes

### Initial Use:

1. Cleanse instrument in a suitable surgical cleanser using a soft brush.
2. Take care to avoid dulling, bending, or disfiguring needles and blades.
3. Take care to avoid bending, breaking, or misshaping the loop cutting wire (SE9C).
4. Rinse thoroughly.
5. Sterilize by steam autoclaving (do not exceed 270°F x 15 minutes, or 250°F x 30 minutes).

### Reuse:

- A. Soak electrode(s) in blood dissolving solution.
- B. Cleanse and rinse as described in step number 1, 2, 3, and 4 above.
- C. Carefully examine insulation for cracks, holes, voids, charred areas, nicks, dents, or any other visible defect, including deterioration.
- D. Carefully examine the electrode for any deformity such as bends, knicks, cracks, fraying, or noticeable thinning.
- E. Any electrode that exhibits any defect as described in C or D above should be removed from service.
- F. Repeat step number 5 above.

**Caution:** Federal (U.S.A.) Law restricts this device to sale/use by or on the order of a physician.

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**Greenwald Surgical Company, Inc. (A Division of Grace Manufacturing, Inc.)**

Manufacturers of Urological and Electrosurgical Instruments and Accessories

614 SR 247 • Russellville, Arkansas 72802 • (479) 968-5455

Toll Free: 1-866-968-6665



**RECOMMENDED STERILIZATION PARAMETERS for  
Gravity-Displacement Steam Sterilization in a Health Care Facility**

Unless otherwise stated, our products are **not sterile** and must be thoroughly cleaned and sterilized prior to each use.

Do not exceed a temperature of 138°C (280°F).

<b>Parameters for Gravity-Displacement Steam Sterilization Cycles</b>			
<b>Item</b>	<b>Exposure time at 121°C (250°F)</b>	<b>Exposure time at 132°C (270°F)</b>	<b>Drying Time</b>
<b>Wrapped Instruments</b>	<b>30 minutes</b>	<b>15 minutes</b>	<b>15 to 30 minutes</b>
<b>Unwrapped nonporous items</b>	-	<b>3 minutes</b>	<b>0 to 1 minute</b>
<b>Unwrapped nonporous items in mixed load</b>	-	<b>10 minutes</b>	<b>0 to 1 minute</b>

It is important that the longest drying cycle possible is employed to prevent build up of moisture inside the instrument. If the cycle of your autoclave allows a 30 minute drying time, we recommend using it.

Always make sure the product is in good condition and perfect working order before reusing it.

Sterilization equipment manufacturer’s recommendations must be followed. Health care facility protocol should be adhered to.

**Since Greenwald Surgical Co., Inc. (a division of Grace Manufacturing, Inc.) is not familiar with individual hospital procedures, cleaning methods, bio-burden levels, and other conditions, Grace Manufacturing, Inc. assumes no responsibility for sterilization of product even if the general above guidelines are followed.**

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**RECOMMENDED STERILIZATION PARAMETERS for  
Dynamic Air Removal (Prevacuum) Steam Sterilization in a Health Care Facility**

Unless otherwise stated, our products are **not sterile** and must be thoroughly cleaned and sterilized prior to each use.

Do not exceed a temperature of 138°C (280°F).

<b>Parameters for Dynamic Air Removal Steam Sterilization Cycles</b>			
<b>Item</b>	<b>Exposure time at 132°C (270°F)</b>	<b>Exposure time at 135°C (275°F)</b>	<b>Drying Time</b>
<b>Wrapped Instruments</b>	<b>4 minutes</b>	<b>-</b>	<b>20 to 30 minutes</b>
<b>Unwrapped nonporous items</b>	<b>3 minutes</b>	<b>3 minutes</b>	<b>N/A</b>
<b>Unwrapped nonporous items in mixed load</b>	<b>4 minutes</b>	<b>3 minutes</b>	<b>N/A</b>

It is important that the longest drying cycle possible is employed to prevent build up of moisture inside the instrument. If the cycle of your autoclave allows a 30-minute drying time, we recommend using it.

Always make sure the product is in good condition and perfect working order before reusing it.

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