

Greenwald Surgical Company, Inc.2688 DeKalb Street • Lake Station, IN 46405-1519 • 219/962-1604 • FAX: 219/962-4009 • Toll-Free: **1-888-962-1829****CLEANING AND STERILIZING INSTRUCTIONS**

Catalog Item BT83, Hurd Turbinate Electrode

1. Remove protective sleeves from needle tips.
2. Cleanse instrument meticulously using a suitable surgical cleanser and a soft scrub brush. Particular care should be taken to avoid bending or otherwise damaging the sharp needle tips.
3. Rinse thoroughly.
4. Sterilization by ethylene oxide (EtO) gas is preferred. If EtO is not available, sterilize by steam autoclaving (do not flash).
5. Instrument should be allowed to dry thoroughly prior to use.

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

Greenwald Surgical Company, Inc.

2688 DeKalb Street • Lake Station, IN 46405-1519 • 219/962-1604 • FAX: 219/962-4009 • Toll-Free: 1-888-962-1829

RECOMMENDED STERILIZATION PARAMETERS for EO Sterilization in a Health Care Facility

Unless otherwise indicated, our products are NOT STERILE and must be thoroughly cleaned and sterilized prior to each use.

<i>Parameters for EO sterilization cycles</i>					
Process	Concentration	Exposure time at 37° C (99°F)	Exposure time at 38° C (100°F)	Exposure time at 55° C (130°F)	Relative Humidity
100% EO	880 mg/L	4 hrs		1 hr	50% to 80%
	740 mg/L		4 hrs, 30 min	1 hr	80%
	735 mg/L	4 hrs		1 hr	50% to 80%
	725 mg/L	3 hrs		1 hr	30% to 80%
EO-HCFC	600 mg/L		6 hrs	2 hrs, 10 min	30% to 70%
	570 to 620 mg/L		5 hrs	2 hrs	≥ 30%
EO-carbon dioxide	360 to 390 mg/L		7 hrs, 30 min	3 hrs	≥ 30%
	450 mg/L		7 hrs, 30 min	3 hrs	30% to 80%

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

Greenwald Surgical Co., Inc.
2688 DeKalb St. - Lake Station, IN 46405
Phone: 219-962-1604 Fax: 219-962-4009
www.greenwaldsurgical.com

ORIGINAL



Greenwald Surgical Company, Inc.

2688 DeKalb Street • Lake Station, IN 46405-1519 • 219/962-1604 • FAX: 219/962-4009 • Toll-Free: 1-888-962-1829

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

Unless otherwise indicated, 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)

<i>Parameters for gravity-displacement steam sterilization cycles</i>			
Item	Exposure time at 121° C (250°F)	Exposure time at 132° C (270°F)	Drying time
Wrapped instruments	30 min	15 min	15 to 30 min
Unwrapped nonporous items		3 min	0 to 1 min
Unwrapped nonporous items in mixed load		10 min	0 to 1 min

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 min. dry 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. is not familiar with individual hospital handling procedures, cleaning methods, bio-burden levels, and other conditions, Greenwald Surgical Co., Inc. assumes no responsibility for sterilization of product even if the general above guidelines are followed.

Greenwald Surgical Co., Inc.
 2688 DeKalb St. - Lake Station, IN 46405
 Phone: 219-962-1604 Fax: 219-962-4009
www.greenwaldsurgical.com

ORIGINAL



Greenwald Surgical Company, Inc.

2688 DeKalb Street • Lake Station, IN 46405-1519 • 219/962-1604 • FAX: 219/962-4009 • Toll-Free: 1-888-962-1829

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

Unless otherwise indicated, 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)

<i>Parameters for dynamic-air-removal (prevacuum) steam sterilization cycles</i>			
Item	Exposure time at 132° C (270°F)	Exposure time at 135° C (275°F)	Drying time
Wrapped instruments	4 min		20 to 30 min
Unwrapped nonporous items	3 min	3 min	N/A
Unwrapped nonporous items in mixed load	4 min	3 min	N/A

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 min. dry 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. is not familiar with individual hospital handling procedures, cleaning methods, bio-burden levels, and other conditions, Greenwald Surgical Co., Inc. assumes no responsibility for sterilization of product even if the general above guidelines are followed.

Greenwald Surgical Co., Inc.
 2688 DeKalb St. - Lake Station, IN 46405
 Phone: 219-962-1604 Fax: 219-962-4009
www.greenwaldsurgical.com

ORIGINAL