



Sterilization Instructions for Glass Pyrex® Modified Jones Tube for DMEK (80000-DMEK & 80000-DMEK-EB)

A. Cleaning:

Please consult your hospital for their approved method of cleaning glass. The following is pertinent information.

1. Modified Jones Tubes for DMEK (80000-DMEK & 80000-DMEK-EB) manufactured by Gunther Weiss Scientific Glassblowing are made of Pyrex® glass and can be washed with neutral PH detergent, eg. Steris Prolystica 2X Concentrate Enzymatic Cleaner prepared to the manufacturers instructions. The Modified Jones Tube can be brushed with a soft nylon bristled brush (M-16)¹ or equivalent for at least one (1) minute per device while immersed in the proteolytic enzyme solution. A cannulated brush (45-905)² or equivalent is used to brush the lumen of the tube. All brushing is performed below the surface of the solution to prevent aerosolization.
2. Following washing with neutral PH detergent rinse for at least 1 minute with cold tap water, Then rinsed with "Critical Water" (AAMI TIR34) an additional 30 seconds. After rinsing the Modified Jones Tube they should be thoroughly dried with compressed air and then packaged in material appropriate to the method of heat sterilization.
3. Do not use abrasive instruments or compounds on the surface of the tube. Do not use forceps (locking or otherwise)

B. Steam Sterilization of Modified Jones Tube for DMEK (80000-DMEK & 80000-DMEK-EB):

Autoclave Type	Temperature	Time at Temperature	Dry Time
Steam Pre-Vacuum	132°C (270°F)	4.0 minutes	20 minutes
Steam Gravity	132°C (270°F)	15 minutes	20 minutes

C. STERRAD sterilization of Modified Jones Tubes for DMEK (80000-DMEK & 80000-DMEK-EB)

1. ASP STERRAD NX, Standard Cycle
2. ASP STERRAD 100NX Standard cycle

D. Precautions when using the 80000-DMEK & 80000-DMEK-EB.

1. Please use caution when cleaning. The Modified Jones Tubes for DMEK (80000-DMEK & 80000-DMEK-EB) are made from glass and if broken can produce a cut.
2. Gunther Weiss Scientific would never recommend cleaning or reprocessing of a tube that has come in contact with bodily fluids; these tubes should be discarded and replaced.
3. Once the silicone tubing has been fixed to the 80000-DMEK Gunther Weiss Scientific does not recommend trying to remove the attached silicone tubing (#14 French catheter) due to the risk of damaging or breaking the tube. The 80000-DMEK tube is designed to be thin at the tip to allow for easy aspiration of the membrane. Gripping the 80000-DMEK by the tip and attempting to remove the silicone tube is not recommended and the tube should be discarded after use.

¹ Spectrum Surgical: M-16, Cleaning Brush Double-Ended Nylon Bristle, 17.78 cm x 0.90 cm.

² Spectrum Surgical: 45-905, Baron Suction Tube Cleaning Brush, 17.78 cm length 1.6 mm diameter.