

## ReNew Cautery Probe Handpiece

### INSPECTION:

Carefully inspect the shipping carton and its contents for any sign of damage. If damage is visible, DO NOT USE and contact your local distributor.

### PRIOR TO USE:

This instrument is delivered without tips. Tips are available in various configurations, (see catalog).

The handpiece is delivered with a detachable cap that allows for 1) connection of the generator cord and 2) flushing of the lumen when removed from the handpiece. Ensure the cap is securely tightened to the handle prior to use.

### HANDPIECE/TIP ASSEMBLY:

1. Insert a Cautery Tip into distal end of shaft, and twist/screw tip in clockwise until tip is screwed tight. A tip is fully assembled to the shaft when the white marker band located on the distal end of the shaft is no longer visible.
2. The instrument is ready for use.

### PRECAUTIONS:

1. CAUTION: Prior to use; assure that plastic hub of tip is fully in contact with the insulation tube of the hand piece and that no gap exists between the two parts at that contact point.
2. Do not use hand piece if the threaded distal end of the shaft appears worn, damaged or missing.

### ELECTROCAUTERY:

First, connect the electrosurgical cord (not furnished with this instrument) to the hand piece by placing the female end of the cord on the male adapter pin on the hand piece, which is recessed in the cap. Plug the other end of the cord into the monopolar receptacle of the generator.

### Electrocautery Precautions:

1. A complete understanding of the principle of monopolar electrocautery surgical procedures is necessary to avoid accidental shocks, burns, or potential gas embolism to the patient.
2. Keep the power as low as possible to achieve the desirable effect.
3. Do not activate the generator until the tip is in contact with the tissue or is in a position to deliver high frequency energy to the tissue.
4. Be sure that a return electrode grounding pad has been properly attached to the patient and the generator.
5. The ReNew Cautery Probe has an integrated sealing feature at the distal end of the shaft, which is an integral part of the system.

### CLEANING:

**NOTE: MICROLINE PENTAX RECOMMENDS THAT TIPS ARE REMOVED FROM THE CAUTERY PROBE HANDPIECE PRIOR TO CLEANING AND STERILIZATION.**

1. Remove the cautery cap from the proximal end of the device.
2. Place one device (shaft and cap) at a time into an ultrasonic bath filled with a mixture containing 60mL of ENZOL® Enzymatic Detergent per 4 L of water @ 22 - 40°C.
3. Sonicate device for 10 minutes.
4. Rinse the device (shaft and cap) with warm tap water to remove any visible residue and debris for one (1) minute.
5. Mechanically, clean the device (shaft and cap) of any visible signs of contamination using a soft brush or soft towel soaked in concentrated ENZOL® Enzymatic Detergent until no further bioload is observed on the brush or towel. Ensure that movable assemblies are advanced to their full range of motion for careful cleaning of all surfaces.
6. Rinse the device (shaft and cap) with warm tap water.
7. Insert a 60 mL "Luer" type syringe filled with warm tap water where the cautery cap was removed.
8. Flush the inside of the shaft and tip clean.
9. Repeat steps 7 & 8 three (3) times.
10. Flush inside of the shaft three (3) times with deionized water for a final rinse.
11. Rinse the device (shaft and cap) three (3) times with deionized water for a final rinse.

### STERILIZATION:

1. Prior to sterilization, the instrument must be thoroughly cleaned.
2. Wrap the instrument with the cautery cap removed from the shaft.
3. Sterilize the instrument following the protocol provided by the sterilizer manufacturer.

Microline PENTAX recommends using the following validated sterilization cycles as minimum guidelines:

Gravity Cycle: 3 minutes @ 270°F (132°C)  
Pre-Vacuum Cycle: 3 minutes @ 270°F (132°C)

### CONTACT INFORMATION:

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U.S. Patents pending

Prices, specifications, and model availability are subject to change without notice.

## Notes: