

1. Remove the scanner tip from the scanner.
2. Rinse and brush the **external surface** of the tip under warm running water (3-3.5L/min @ 30°-35°C [86°-95°F]) for a minimum of 15 seconds, with emphasis on the tip alignment indicator. Use a soft bristled brush, like a soft toothbrush.
3. Rinse and brush around the **edge and surrounding crevices of the mirror** under running water for a minimum of 30 seconds.  
**To avoid scratching the mirror, use a soft bristled brush. Be careful that only the bristles are in contact with the surface of the mirror.**  
See below for example graphic. After brushing, rinse the mirror and surrounding crevice under running water for an additional 15 seconds.
4. Wipe the mirror with an optical lens wipe.  
Repeat the process if there is any visible debris remaining after performing the cleaning steps above. If there is any debris that cannot be removed or visible deterioration such as cracks or discoloration, the tip should be disposed of and replaced.
5. Individually place each scanner tip into an autoclave pouch.
6. Place one to three pouches per tray or cassette. **DO NOT stack tips on or around other metal instruments.**
7. Select the **Wrapped, Wrapped Instruments**, or **Pouch** autoclave cycle with a minimum sterilization temperature of 132° C (269° F). Minimum sterilization time of **3 minutes** for **Pre-Vac** autoclaves. Minimum sterilization time for **Gravity** autoclaves is **10 minutes**. For any autoclave, use a minimum dry time of 10 minutes. **Autoclave sterilization cycle times exceeding 10 minutes could be considered excessive and may damage the tip.**
8. After cycle completion, store for later use.

#### Manufacturer's Specifications, Additional Information, & Cautions

Prior to scanning, visually confirm the scanning mirror and scanner connection surfaces are clean and dry. To clean either surface, use an optical cloth with a small amount of alcohol to gently remove residue. Ensure each surface is dry before connecting it to the scanner.



Autoclave cycle times, parameters, and names differ among manufacturers and autoclave types. Reference your manufacturer's manual for sterilizing wrapped instruments. **Autoclave sterilization cycle times exceeding 10 minutes could be considered excessive and may damage the tip.** Please reference the User Manual of the autoclave manufacturer to verify the minimum cycle parameters are met. See the Planmeca Emerald User Manual for detailed instructions and validation information for autoclaving tips. For more information, reference the Planmeca Emerald User Manual or call customer support.

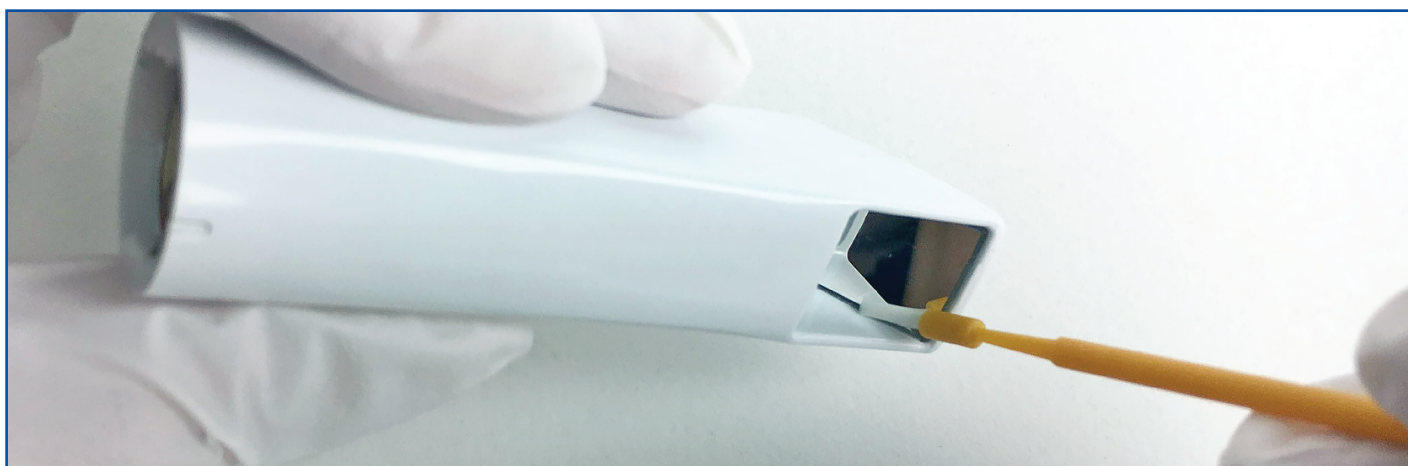


**DO NOT use a chemical sterilant.**  
**DO NOT place in a ultrasonic cleaner.**  
**DO NOT pouch with other instruments.**  
**DO NOT stack tips on or around other metal instruments.**  
**Excessive cycle times may prematurely reduce the life and function of the tip.**

Rinse and brush around the **edge and surrounding crevices of the mirror** under running water for a minimum of 30 seconds.

**To avoid scratching the mirror, use a soft bristled brush. Be careful that only the bristles are in contact with the surface of the mirror.**

The example picture is shown without running water for visibility purposes. Use the bristles of the small brush on all crevice edges of the mirror.  
(ex. Pinn-Point Brush shown)



After brushing, rinse the mirror and surrounding crevices under running water for an additional 15 seconds. Return to step 4 above.