

Cleaning and Sterilization Instructions for Posts and Drills

This instruction details the recommended techniques for the cleaning and sterilization of Coltène/Whaledent posts and drills.

Cleaning

Drills	<ul style="list-style-type: none"> • Remove all visible debris by <ul style="list-style-type: none"> ○ hand scrubbing the drill under running water with a brush; or ○ place the drill in an ultrasonic cleaner with a general purpose ultrasonic cleaning solution for at least 5 minutes. • Thoroughly rinse and dry the drill, then visually inspect the drill for cleanliness prior to sterilization.
Posts (all)	<ul style="list-style-type: none"> • Place the post in an ultrasonic cleaner with a general purpose ultrasonic cleaning solution for at least 5 minutes. • Thoroughly rinse and dry the post, then visually inspect the post for cleanliness prior to sterilization.

Sterilization

Recommended sterilization methods differ depending on the product. Please see the table below for details.

Product	Liquid Sterilization	Autoclave (minimum temperature and time)	
		Gravity Cycle	Pre-Vacuum Cycle
ParaPost [™] Plus		130°C / 15 minutes	134°C / 6 minutes
ParaPost [™] X System		130°C / 15 minutes	134°C / 6 minutes
ParaPost [™] Fiber Lux		130°C* / 15 minutes	
ParaPost [™] Taper Lux		130°C* / 15 minutes	
ParaPost [™] Fiber White	Yes, see below		
Tenax		130°C / 15 minutes	134°C / 6 minutes
Tenax Fiber Trans	Yes, see below	130°C* / 15 minutes	
Tenax Fiber White	Yes, see below		
Drills		132°C / 12 minutes	134°C / 6 minutes

Autoclave Instructions

- Place product and a sterilization indicator into an autoclave pouch, then seal the pouch
- Process the product according to the recommended autoclave cycle(s) listed above
- Drying cycle time should be at least 15 minutes for all autoclaved products
- Verify cycle success by inspecting the sterilization indicator per manufacturer instructions
- Store pouched product in a clean, dry environment until ready to use

Liquid Sterilization Instructions

- Place post(s) into a small, clean covered glass container
- Add a ready-to-use FDA cleared liquid sterilant solution containing 7.50% hydrogen peroxide and 0.85% phosphoric acid (Sporox II**), covering the post(s).
- Let stand at room temperature for a minimum of 6 hours but not longer than 24 hours.
- Discard solution from the glass container into a sink and add sterile water to the glass container until it covers the post(s).
- Gently agitate the sterile water for 2 minutes, then discard the water into a sink.
- Dump posts onto a sterile sponge in a clean container. Affix cover and store until ready for use.

Any deviation by the processor from the instructions provided should be properly evaluated for effectiveness and potential adverse consequences.

* Autoclaved fiber posts can withstand temperatures up to 135°C.

** Sporox II is a registered trademark of Reckitt & Coleman, Inc.