

Endodontic Sterilization Guide

ROTARY INSTRUMENT STERILIZATION:

ProFile®, ProFile® O.S. Orifice Openers, ProFile® Series 29®, ProFile® GT®, ProTaper®, GT® Series X™, PathFile™, ProFile® Vortex™ Rotary Instruments

Endo Instrument Sterilization:

Files must be sterilized before use. ANSI/ADA Specification 28 recommends:

- Scrub the instruments with soap and warm water.
- Rinse thoroughly with distilled or deionized water.
- Allow to air dry.
- Place the instruments, unwrapped, in the autoclave tray.
- Use fresh distilled or deionized water.
- Steam Autoclave at 136° C (plus or minus 2° C) for 20 minutes.
- All rotary files are single patient use instruments.
- Recommended File Disposal: Place used files in a Biohazard Sharps container.

HAND INSTRUMENT STERILIZATION:

ProFile®, ProFile® Series 29®, ProFile® GT®, ProTaper®, Lexicon® Hand Instruments

Endo Instrument Sterilization:

Files must be sterilized before use. ANSI/ADA Specification 28 recommends:

- Scrub the instruments with soap and warm water.
- Rinse thoroughly with distilled or deionized water.
- Allow to air dry.
- Place the instruments, unwrapped, in the autoclave tray.
- Use fresh distilled or deionized water.
- Steam Autoclave at 136° C (plus or minus 2° C) for 20 minutes.
- Recommended File Disposal: Place used files in a Biohazard Sharps container.

ULTRASONIC TIPS STERILIZATION:

Maintain a temperature of at least 136°C (277°F) for a minimum of 20 minutes per USP recommendations.

GT® FIBER POST DECONTAMINATION:

Wipe the post with alcohol. Allow the post to air dry for 30 seconds before use.

PRO ULTRA® PIEZOFLOW™ ULTRASONIC IRRIGATION NEEDLE:

Wipe needle and tubing with 70% isopropyl alcohol.

POST DRILLS STERILIZATION PROCEDURE:

Using distilled or de-ionized water, subject unwrapped instruments to a pressure of 220 kPa (2.2 bar) for 20 minutes at a temperature of (136 ± 2)° C, or dry heat sterilize them at (180 ± 5)°C for 120 minutes.

CALAMUS® OBTURATION SYSTEM:

Control Console

Clean the exterior of the console by wiping with a soft cloth moistened with a mild detergent or disinfecting solution. The system is designed to allow for a disposable sanitary plastic barrier to be utilized over control console and/or handpiece.

Handpiece

Wipe off the handpiece with a soft cloth moistened with mild detergent or disinfecting solution. NOTE: When wiping down the handpiece cable, gently wipe from the middle of the cable out toward the handpiece and console. Avoid gripping the cable tightly. DO NOT SUBMERGE the handpiece in any fluid or spray any fluid directly on the handpiece.

Handpiece Cartridge Nut

Steam autoclave for 10 minutes at 132°C.

Handpiece Delivery Plunger

Annually: Without a cartridge inserted, press the activation cuff until the gutta-percha indicator moves all the way forward. Then, push the Return button and allow the indicator to completely retract.

Handpiece Cartridge Heater

If gutta-percha gets into the cartridge heater section of the handpiece, turn on the unit and press the Return button on the console to fully retract the plunger. Allow the heater section to reach operation temperature (180°C). Turn off unit. Insert the included handpiece cleaning brush into the heating chamber. Rotate the brush several times to remove the gutta-percha from the chamber.

Cartridge

Store cartridges at room temperature. Cartridges are intended for single patient use. Dispose of used cartridges in a biohazard container. Do not immerse the cartridges in any liquid.

Heat Shield

Steam autoclave for 15 minutes at 132°C.

Heat Pluggers/Thermal Response Tips

Sterilize using steam autoclave for 15 minutes at 132°C. Chemclaving is not recommended for sterilization and maintenance of the Electric Heat Pluggers or Thermal Response Tips as this would cause corrosion.

OBTURATORS:

Thermafil® Plus, ProTaper®, GT®, ProFile® Vortex™

Disinfect the obturator in a 5.25% sodium hypochlorite solution (bleach) for one minute. Rinse the obturator in 70% alcohol. Dry the obturator for several seconds on a clean work surface to allow evaporation of excess alcohol.

OBTURATOR OVEN:

Thermafil®, GT®, ProTaper®, ProFile® Vortex™ Ovens

Clean oven after each use. Any gutta-percha remaining on the holder or in the heating chamber may be effectively removed with Orange Solvent (generic dental solvent) on a cotton pledget.

ENDODONTIC ELECTRIC MOTOR SYSTEMS:

Handpieces

Wipe with an alcohol gauze. Clean and lubricate handpieces with a cleaner/lubricant after each use and before autoclaving. This will ensure proper operation and a long service life for your handpiece. Do not use a cleaner/lubricant after autoclaving, only use before sterilization. Follow the instructions provided with the handpiece purchased for complete maintenance instructions.

Motors

The entire motor and cord assembly supplied with your unit must be surface sterilized by autoclave. Prevacuum sterilize at 132° C (270° F) for 3 minutes. Before autoclaving the motor and cord assembly, always install the autoclaving plug into the motor and motor connector. A plug with sealing O-ring is supplied with the motor. Remove the handpiece from the motor and install plug. Motor/handpiece holding cradle is also fully autoclavable.

Console

The exterior of the console may be cleaned by wiping with a soft cloth moistened with mild detergent or disinfecting solution.