Cleaning & Sterilizing Instructions

The recommended procedure for cleaning and sterilizing the AquaSept™ units and components, including Air / Water Syringe and Handpiece units, Control Heads, Tubing, Bottles and Adapters, is described below.

Prior to Initial Use - Cleaning & Sterilizing Instructions:
The unit is delivered “non-sterile”. Prior to first use, follow steps 6 through 9 for “Routine Operation - Cleaning & Sterilizing Instructions.”

Routine Operation - Cleaning & Sterilizing Instructions:

1. Following use, with unit still attached to dental unit, flush water through line(s) for a minimum of 10 seconds.
2. Disconnect unit by pushing the Quick Connect collar towards the dental unit to release. Unscrew bottle from Control Head and empty water from bottle. Replace bottle and reconnect unit. Flush the Air / Water Syringe and/or Handpiece unit for a minimum of 10 seconds to purge water from line(s).
3. Unscrew bottle from Control Head.
   NOTE: If using a bottle adapter, unscrew adapter from bottle and Control Head prior to autoclaving.
4. Manually clean external surface of unit and components with mild detergent (non-chlorine based). A soft brush may be used to remove any particles or debris. Rinse with water to remove any detergent.
5. Towel dry all components.
6. Place unit and components in one of the following:
   • Cassette wrapped with FDA cleared CSR wrap
   • Sterilization pouch
7. Autoclave parameters:
   • Gravity: 132°C for 15 minutes with a 30 minute dry cycle
   • Prevacuum: 132°C for 4 minutes with a 30 minute dry cycle
   NOTE: Do not allow components to touch the sides of the autoclave.
8. Allow unit and components to complete the dry cycle in autoclave.
9. Allow unit and components to cool to the touch before handling.

IMPORTANT NOTICE:
• Do not exceed the autoclave manufacturer’s guidelines for load capacity.
• Ensure autoclave is properly cleaned, maintained and calibrated.
• Do not use any chemical solutions or chlorine-based cleaners on AquaSept™ unit.
• Air Quality: Dry and filtered compressed air, CO₂, N₂ or medical grade air are recommended to ensure the long working life of unit. Maintain the quality of compressed air by performing regular maintenance of the compressor according to compressor manufacturer’s recommendations.

AquaSept™ units are intended for professional use only by a licensed dental practitioner for general dentistry work.
Operating Instructions for AquaSept™ High Speed Handpiece System

Prior to Initial Use:
1. Unpack tubing and delivery system components.
2. Follow steps 6 through 9 for “Routine Operation - Cleaning & Sterilizing Instructions” on page 4.
3. Proceed to “Routine Operation” instructions.

Routine Operation:
1. Fill the bottle with sterile water. Do not fill the neck of the bottle.
2. Screw the bottle (and adapter*) into Control Head. Ensure the Dip Tube is not pinched and is below the fluid level in the bottle.
3. Attach High Speed Handpiece to AquaSept™ High Speed Tubing.
4. Insert the Quick Connect fitting on the dental unit until it clicks.
5. Set the High Speed Handpiece into appropriate tool holder on the dental unit.
6. The system is now ready to use.
7. To remove unit, follow “Routine Operation - Cleaning & Sterilizing Instructions” on page 4.

*Adapters included in the Starter Kit and sold separately from AquaSept™. Refer to www.aquasept.com for larger bottle options.

NOTE: If using the sterile pour bottle adapter with 250 ml or 500 ml sterile pour bottles, Genesis Dental Technologies recommends Baxter® or Hospira® brands only. Do not use sterile pour bottles larger than 500 ml (16 oz). An 8 oz bottle is shown; 4 oz, 8 oz and 16 oz bottles are available.

Operating Instructions for AquaSept™ Air / Water Syringe System

Prior to Initial Use:
1. Unpack tubing and delivery system components.
2. Follow steps 6 through 9 for “Routine Operation - Cleaning & Sterilizing Instructions” on page 4.
3. Proceed to “Routine Operation” instructions.

Routine Operation:
1. Fill the bottle with sterile water. Do not fill the neck of the bottle.
2. Screw the bottle (and adapter*) into Control Head. Ensure the Dip Tube is not pinched and is below the fluid level in the bottle.
3. Insert the Quick Connect fitting on the dental unit until it clicks.
4. Set the Air / Water Syringe into appropriate tool holder on the dental unit.
5. The system is now ready to use.
6. To remove unit, follow “Routine Operation - Cleaning & Sterilizing Instructions” on page 4.

*Adapters included in the Starter Kit and sold separately from AquaSept™. Refer to www.aquasept.com for larger bottle options.

NOTE: If using the sterile pour bottle adapter with 250 ml or 500 ml sterile pour bottles, Genesis Dental Technologies recommends Baxter® or Hospira® brands only. Do not use sterile pour bottles larger than 500 ml (16 oz). An 8 oz bottle is shown; 4 oz, 8 oz and 16 oz bottles are available.