










DENTAL WASHER DISINFECTOR GUIDELINES

Instrument Handling Recommendations

-  1. After use, all dirty instruments are placed back in cassettes or trays. Wipe off all gross debris and cements/composites directly after treatment.
-  2. Instruments should not be pre-soaked, rinsed or hand-scrubbed.
-  3. Cassettes and/or loose instruments are placed into the Miele Dental Washer Disinfector.
-  4. The Miele Dental Washer Disinfector serves as the "dirty storage area" and will clean and disinfect instruments that have been sitting for up to 6 hours. Do not allow dirty instruments to sit overnight.
-  5. Recommended cycle: Disinfection VARIO.
-  6. Choose optional 10 minute drying cycle if desired, and press the Start button.
-  7. Do not open the door immediately after the cycle ends to release hot air & steam, let instruments cool.
-  8. The instruments/cassettes are safe to handle and ready for wrapping and sterilization.
-  9. The sterile instruments should be stored in dust-sealed cabinets before their next use.



What Instruments are Suitable to be Processed in the Dental Washer Disinfector?

Recommended Instruments

All instruments, accessories and other items that have heat resistance to a temperature of up to 95°C/203°F and corrosion resistance in the presence of heat and alkalinity

Plastic instruments that can withstand high temperatures

General high-quality stainless steel instruments

Hollow instruments (aspiration/suction tips, etc.)

Cassettes or trays (stainless steel or resin)

Hinged instruments (scissors, forceps, etc.) Place into machine with the hinge open at 90°

Non-Recommended Instruments

Instruments made from Aluminum, Chrome, Chrome Plated, Nickel, Carbon or Carbide Steel

Plastic instruments that cannot withstand high temperatures

Mirrors

Handpieces

Fiber-optics

Burrs

Drill-bits

Grinders

Tip: Ask the instrument manufacturer for their advice on the suitability for processing in this system.

CLEANING AGENTS

Name	What It Does	Directions for Use & Refilling	Tips
neodisher™ MA	Alkaline detergent in powder form Facilitates cleaning process	Detergent must be manually added to machine before every wash cycle. Pour about 3/4 scoop of powder into the dispenser on the door before each cycle. The door of the dispenser should not be blocked by trays or other devices.	Too much as well as too little detergent may have adverse cleaning effects.
neodisher™ FA	Alkaline detergent in liquid form Facilitates cleaning process Note: Requires optional DOS C-60 automated dispensing unit	Detergent is automatically dispensed when used in conjunction with DOS C-60 dispensing unit. Refill when indicator light comes on. Indicator light comes on before detergent container is completely empty.	If detergent container becomes completely empty and air fills the pick-up tubes, it will be necessary to prime the pumps.
neodisher™ N	Neutralizing agent Restores pH balance to prevent instrument corrosion and prolongs machine life	Neutralizing agent will be automatically dispensed at proper time during wash cycle. Refill when indicator light comes on. Indicator light comes on before neutralizer container is completely empty.	If neutralizing agent container becomes completely empty and air fills the pick-up tubes, it will be necessary to prime the pumps.
Mielclear	Rinse Aid Protects instruments against corrosion Breaks down surface tension for faster drying results	Mielclear will be automatically dispensed at proper time during wash cycle. Unscrew the cap in the door to refill when level indicator turns light. Pour Mielclear into storage container in the door until level indicator darkens.	Make sure that any spillage is wiped off the door after refilling or run the Rinse cycle immediately after refilling.
Somat Salt	Reactivation Salt Activates resin used to soften water; prevents instrument corrosion	Set machine according to local water hardness. When Reactivation indicator light turns on, run the Reactivation cycle using the salt. See Operating Instructions handbook for further instructions. Run the Rinse cycle immediately after Reactivation to be sure all salt is dissolved.	Reactivate with salt as soon as the current wash program has finished. If this cannot be done, and further loads have been washed, then the reactivation process should be carried out twice in succession. Frequency of reactivation is dependent upon hardness of tap water. Anywhere from 1 to 4 weeks between reactivation cycles is within normal ranges.

TROUBLESHOOTING GUIDE

Problem	Cause	Solution
Spotting (white residue)	Not using water softener Water softener not set properly Not reactivating water softener properly	Determine the water hardness from local water authority. Set the water softener to appropriate setting using the Operating Instructions handbook. Reactivate the water softener as soon as the light comes on according to the instructions in the Operating Instructions handbook.
Rust (textured brown deposits on instruments)	Corrosion from carbon steel instruments "Fly corrosion" Corrosion spreads from carbon instruments to stainless steel instruments Chlorides in tap water Neutralizer not being dispensed	Do not process carbon steel instruments in the G7781. Separate stainless and carbon instruments throughout the cleaning and sterilization process. Treat instruments with neodisher™ IR. Have water tested for chlorides. It may be necessary to get an external water purification system.
Chloride-Induced Pitting (points of corrosion, with a small hole in the middle)	Chemical attack on instruments from chlorides or other halide ions Sources for chlorides is often tap-water, an error of the water softener or use of improper cleaning agents	Check the water quality. Rinse and dry instruments thoroughly to prevent pitting. Use only Miele approved cleaning solutions. Remove corrosion with neodisher™ IR or it may be necessary to replace instruments.
Discoloration (yellowish or brownish tint on instruments)	Silicates in the water Processing aluminum instruments with stainless steel instruments	Treat instruments and G7781 wash chamber with neodisher™ IS. Do not process aluminum instruments in the G7781. Separate stainless and aluminum instruments throughout the cleaning and sterilization process.
Unsatisfactory cleaning results	Dirty instruments stored in machine longer than 6 hours Incorrect detergent dosage Overloaded machine Spray arm coupling not engaged Neutralizer not being dispensed	Do not allow dirty instruments to sit for more than 6 hours. Check the dosage of the detergent and adjust if necessary. Too little as well as too much detergent may have adverse cleaning effects. Place instruments into machine allowing water and detergent to touch every surface. Do not overload. Make sure the spray arm can easily rotate and is not blocked by any devices. There should be a tight fit between the coupling and the water inlet connector at the top of the chamber. Follow directions on page 16 of the Operating Instructions handbook.