

Preventative Maintenance Annual & 5-Year Maintenance-Service Evaluation Check List

DELIVERY SYSTEMS

- ___ Verify handpiece pressure gauge is operational. Check for crack or air leaks. Replace, if needed (PN 95-0136).
- ___ Run a handpiece and verify operation of water relay valve for opening and shutting off. Recommended replacement every 5 years (PN 95-0135).
- ___ Test all handpieces for proper air pressure, water function. Using the stems on the control block, make adjustments. Replace control block diaphragms every 5 years (PN 95-0215).
- ___ Check all gaskets in the handpiece tubing bulkheads. Replace every 5 years (PN 95-0206).
- ___ Inspect and replace handpiece tubing if worn, brittle, or hardened.
- ___ Verify operation of auto holders that actuator ball freely moves in and out. Clean with hot water and paper towel if necessary to remove any debris.

FOOT PEDAL

- ___ Lubricate O-rings and poppet valve using silicone grease (PN 95-0085).
- ___ Install repair kit every 5 years. Serial Number specific:
 - PN 95-0094 [SN 595368 and earlier]
 - PN 95-0240 [SN 595369 and later]
- ___ Check water toggle for proper function. Replace, if needed (PN 95-0242).

CLOSED WATER SYSTEM

- ___ Turn air pressure toggle to ON. Verify closed water system gauge is operational. Check for cracks or air leaks. Replace gauge, if needed (PN 95-0266).
- ___ Verify air pressure is 25-35 psi. If high or low, inspect inline regulator by pressing in on both ends. If pressure does not adjust within pressure setting, replace regulator (PN 95-0216).
- ___ Replace water bottles annually
 - PN 95-0347 for 38mm neck size
 - PN 95-0140 for 28mm neck size
- ___ Replace DentaPure disinfection cartridges annually (PN 95-0281).

AIR/WATER SYRINGE

- ___ Inspect tubing for wear, kinks and damage. Replace if needed every 5 years
 - PN 95 0213 [60" Length]
 - PN 95-0214 [50" Length]
- ___ Verify operation of air and water buttons and absence of leaks. Install syringe repair kit (PN 95-0089), if necessary. Recommended replacement every 1-3 years.

FIBER OPTICS AND OTHER ELECTRIC INSTRUMENTS

- ___ Check integrity of fiber optic tubing if worn, brittle or hardened. Inspect wires for break and proper connection to power pack. Replace tubing, fiber optic bulb, power pack, if needed.
 - PN 95-0114 [60" Length]
 - PN 95-0265 [50" Length]
- ___ Check integrity of other electric instrument cords and repair or replace if jacket is worn or torn.
- ___ Replace air electric switches, if included, every 5 years:
 - PN 95-0137 [Normally Open]
 - PN 95-0138 [Normally Closed]

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OPTIONAL SUCTION INSTRUMENTS AND ACCESSORIES

- ___ Inspect solids trap lid O-ring for wear. Lubricate using silicone O-ring grease (95-0085). Replace if needed (PN 95-0091L).
- ___ Inspect solids trap housing for cracks. Replace, if needed
 - PN 95-0247 [Side Port]
 - PN 95-0175 [Bottom Port]
- ___ Inspect all suction tubing for leaks or damage. Replace, if needed.
 - PN 95-0287 [HVE]
 - PN 95-0288 [Saliva Ejector]
- ___ Replace suction lever O-rings and connector barb O-rings (PN 95-0040 and 95-4034).

STRUCTURAL

- ___ Verify all doors, drawer hinges and latches are undamaged. Tighten fittings and lubricate, if needed.
- ___ Cart Systems: Clean wheels and casters of all debris.
- ___ Arm Systems: Adjust arm tension, if needed.

FOR UMBILICAL UNITS ONLY

- ___ Verify air pressure from main air connection is 75-80 psi; adjust if needed. ASI units risk damage if air pressure is set too high and will void the warranty.

FOR SELF-CONTAINED UNITS ONLY - VACUUM PUMP SYSTEM

- ___ Empty sediment bowl per suction canister maintenance.
- ___ Replace hose assembly/waste purge, peristaltic every 5 years:
 - PN 95-0205 [Side Drain]
 - PN 95-0334 [Bottom Drain]
- ___ Inspect all vacuum tubing and fittings for leaks or damage. Replace, if needed.
- ___ Replace felt filter muffler (PN 95-0093).
- ___ Install rebuild kit for vacuum pump every 5-10 years, if needed. Serial Number specific:
 - PN 95-0068 [SN 180319 and earlier]
 - PN 95-0378 [SN 180320 and later]
- ___ Test for proper function of purge pump and motor. Replace, if necessary, every 5 years (PN 95-0293).
- ___ Inspect exterior waste purge hose assembly. If worn, brittle, or hardened, replace every 5 years. Serial Number specific:
 - PN 95-0306 [SN 200101 and earlier]
 - PN 95-0401 [SN 200201 and later]

FOR SELF-CONTAINED UNITS ONLY - INTERNAL AIR COMPRESSOR SYSTEM

- ___ Inspect master air regulator for air leaks, proper function. Replace every 5 years, if needed. Serial Number specific:
 - Upgrade to PN 95-0345 [SN 170100 and earlier]
 - PN 95-0178A [SN 170101 and later]
- ___ Inspect filter regulator setting and make sure it reads 75-80 psi, adjust, if needed.
- ___ Inspect tubing and replace, if needed.
- ___ Replace felt filter muffler (PN 95-0093).
- ___ Install rebuild kit for compressor every 5-10 years, if needed. Serial Number specific:
 - PN 95-0069 [SN 180319 and earlier]
 - PN 95-0378 [SN 180320 and later]
- ___ Inspect and clean check valve. Replace, if needed (PN 95-0108).
- ___ Test Compressor pressure switch for proper function. Replace, if needed (PN 95-0264).