

Cavitron® Products
Prophy-JET®
Air Polishing Nozzle

Reorder No. 7760201

**INFECTION CONTROL &
WARRANTY INFORMATION**

The objective of this information is to supplement published general guidelines for reducing cross contamination of infectious diseases when using a Cavitron Prophy-Jet Air Polishing Nozzle during routine dental care. In the event any regulatory agency disagrees with this information, the agency requirements take precedence.

The control of infection is accomplished by combining the techniques of cleaning and sterilizing. The methods selected should consider both the destruction of the harmful microorganisms and the effect on the materials of construction. Preferred methods are discussed, however, alternatives are available. Special steps may be required when using alternate methods.

Directions

- The Prophy-Jet Air Polishing Nozzle connects to the air and water tubing of the Prophy-Jet 30, C-300 and Cavi-Jet (25K) units, handpiece and umbilical cable.
- The tubes are color-coded: RED for air and powder, and BLUE for water.
- Be certain the Air Polishing Nozzle is cleaned and sterilized before each use.
- Observing the color-coding, connect the nozzle to the matching RED and BLUE tubing lines.

CAUTION: Failure to observe the color-coding will introduce water into the cleaning powder tube and cause the nozzle to clog.

- Screw the Handpiece Sheath onto the Air Polishing Nozzle.

**Prophy-Jet Air Polishing Nozzle
Cleaning and Sterilization**

Cleaning

- Unscrew the Handpiece Sheath from the nozzle and remove the RED and BLUE tubings from the nozzle.
- Gross debris can be removed by placing the Air Polishing Nozzle and Handpiece Sheath in an ultrasonic cleaner basket and immersing them in a multi-purpose cleaner. Operate the ultrasonic cleaner in accordance with the manufacturer's directions.
- Remove from the cleaner and dry completely with an air syringe. Be certain to air dry the inside diameter of the air polishing nozzle's center tube.
- As an alternative to using an ultrasonic cleaner, scrub the nozzle and sheath carefully with an autoclavable brush and a multi-purpose cleaner. Be certain to air dry the inside diameter of the air polishing nozzle's center tube.
- Insert the cleaning wire into the center tube in the nozzle tip and move it back and forth to remove any residual or clogged powder. Insertion may require the aid of pliers or tweezers in order to avoid "kinking" or bending the wire. Place the Air Polishing nozzle and the cleaning wire into a sterilizer.

Sterilizing

- Cycle in a monitored sterilizer having a maximum operating temperature below 275° F (135° C) in accordance with the sterilizer manufacturer's directions.
- Steam autoclaving or unsaturated chemical vapor (chemiclave) are the preferred sterilization methods for Prophy-Jet Handpiece Sheath, Air Polishing Nozzles and cleaning wires.

OVER...

- Dry heat is not a good alternative because of the sterilizer temperature limitations indicated above.
- All other sterilization methods may adversely affect the Handpiece Sheath or Air Polishing Nozzle's life and will void the warranty.

CAUTION

- Chemical solution asepsis is usually reserved for disinfection purposes as it is not considered an acceptable substitute for heat sterilization. If selected, care must be taken to obtain assurances from the solution manufacturer that the chemical ingredients in the solution will not harm plastic, elastomeric or metal materials when used at sterilization strength and time.
- Do not use chemical disinfectants prior to sterilization or rapid deterioration of the materials may occur.

In the event the Air Polishing

Nozzle tip becomes clogged

In the event powder clogs the Air Polishing Nozzle tip during use, insert a sterile cleaning wire into the center tube of the nozzle tip and move it back and forth to dislodge the clogged powder.

Warranty

Cavitron Prophy-Jet Air Polishing Nozzles are warranted against defects arising from faulty materials or workmanship for ninety (90) days from the date of purchase. This warranty extends only to the original purchaser, and is subject to the following conditions: 1) nozzles must not be subject to abuse or improper use or applications; 2) nozzles must not be subjected to improper cleaning, disinfection or sterilization procedures; 3) bending or reshaping nozzles voids this warranty; 4) Using nozzles in other than Cavitron Dental Units voids this warranty.

There are no warranties, express or implied, which extend beyond the description on the face hereof. Dentsply neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sales and use of Cavitron Prophy-Jet Air Polishing Nozzles.

Damages are limited strictly to replacement of faulty nozzles. Dentsply expressly disclaims liability for incidental and consequential damages resulting from the use of the nozzle.

Claims covered by this warranty will be honored when presented through your Dentsply Professional Distributor within one (1) month from discovery of defect.

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**FOR TECHNICAL SUPPORT CONTACT:
1-800-989-8826**

DENTSPLY
PROFESSIONAL

Manufactured by
DENTSPLY® Professional
DENTSPLY® International
1301 Smile Way
York, PA 17404

CE
0086

Authorized EU Representative
DENTSPLY® DeTrey GmbH
D-78467 Konstanz, Germany

Distributed by
DENTSPLY® Canada
Woodbridge, Ontario
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