

DENTSPLY

PREVENTIVE CARE

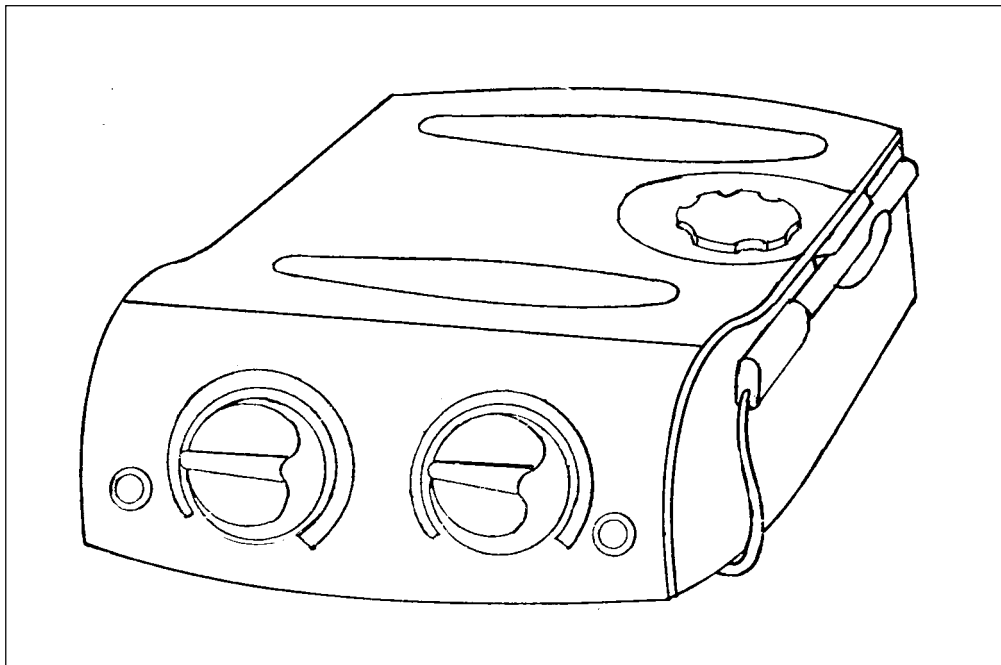
**Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System
Directions For Use**

**Système de prophylaxie par polissage à l'air Cavitron™ PROPHY- JET®
Mode d'emploi**

**Sistema profiláctico de pulido neumático Cavitron™ PROPHY-JET®
Instrucciones para el uso**

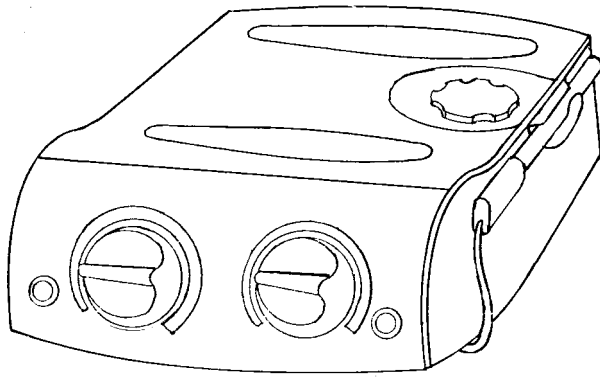
**Cavitron™ PROPHY-JET® Airpolishing-Prophylaxegerät
Gebrauchsanweisung**

**Sistema di profilassi e pulizia a getto d'aria Cavitron™ PROPHY-JET®
Istruzioni per l'uso**



Please read carefully and completely before operating unit.

***Veillez lire soigneusement et complètement avant d'utiliser le système.
Por favor lea detenida y completamente las instrucciones para el uso de hacer funcionar la unidad.
Bitte vor Inbetriebnahme des Geräts sorgfältig und vollständig durchlesen.
Leggere attentamente tutte le istruzioni prima di utilizzare il sistema.***



Cavitron™ PROPHY-JET®

Air Polishing Prophylaxis System

Directions For Use

Please read carefully and completely before operating unit.

Introduction

Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System

DENTSPLY® Preventive Care is an ISO9001 and EN46000 certified company. The Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System is classified by Underwriters Laboratories Inc. with respect to electric shock, fire, mechanical hazards only in accordance UL 2601-1 assigned control #.

The Cavitron™ PROPHY-JET® Air Polishing system is a precision engineered and manufactured instrument. It contains controls and components for air polishing operation.

Technical Support

There are no serviceable parts in this device. Refer all service to a qualified service repair facility. For technical support and repair assistance in the U.S. call 1-800-347-7412 Monday through Friday, 8:00 AM to 5:00 PM (Eastern Time). For other areas, contact your local DENTSPLY representative.

Supplies & Replacement Parts

To order supplies or replacement parts for your PROPHY-JET System, contact your local DENTSPLY® Dealer. If your dealer is unable to assist you, call 1-800-989-8826 Monday through Friday, 8:00 AM to 5:00 PM (Eastern Time). For other areas, contact your local DENTSPLY® representative.

Caution: U.S. Federal Law restricts this device to sale by or on the order of a dentist.

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Section 1: Indications

1.1 Air polishing procedures:

- Removal of a variety of extrinsic stains, e.g., tobacco, coffee & tea, chlorhexidine.
- Prophylaxis of orthodontic patients.
- Preparing tooth surfaces prior to bonding and sealant procedures.

Section 2: Contraindications and Warnings

2.1 Contraindications

- Insert Nozzle for best performance, use only the Cavitron™ Air Polishing JET manufactured by Dentsply® Preventive Care.
- Use only Cavitron® Prophy-Jet® Cleaning Powder.

2.2 Warnings

- Do not direct the air polishing stream at soft tissue or into the sulcus. Tissue emphysema has been reportedly caused when the air/water/powder stream was directed at the soft tissues or into the sulcus.

Section 3: Precautions

3.1 Precautions for All Systems

- Do not place the System on or next to a radiator or other heat source. Excessive heat may damage the System's electronics. Place the System where air is free to circulate on all sides and beneath it.
- The System is portable, but must be handled with care when moving.
- Equipment flushing and dental water supply system maintenance are strongly recommended.
- Close the water shut-off valve to the System every night before leaving the office. The use of an in-line water filter is recommended.
- The use of an air dryer on the compressor line supplying the System will prevent condensation from forming in the air line which in turn may cause "caking" of the air polishing cleaning powder and clogging the lines at the air polishing insert tip.
- Cavitron® Prophy-Jet® Cleaning Powder is a water-soluble sodium bicarbonate powder specially formulated for use in Cavitron® Air Polishing Systems. Do not attempt to use any other cleaning materials in the air polishing powder reservoir.
- Empty the air polishing powder reservoir and dispose of its contents at the end of the day to prevent "caking" of the powder and clogging the lines and air polishing tip.

3.2 Precautions for Air Polishing Procedures

- Only set the air polishing powder flow control to the maximum position (fully Clockwise) when it is necessary to remove particularly difficult stains. Return the powder flow control to the medium position upon the completion of the procedure.
- Avoid prolonged or excessive use on restorative dental materials.
- Avoid prolonged use on cementum or dentin.
- Avoid prolonged use on polished metal surfaces as a matte finish may result.
- Patients who are on a restricted sodium diet, or have severe respiratory illness, should consult their physician before undergoing air polishing prophylaxis procedures.
- Patients wearing contact lenses should remove them prior to air polishing treatment.

Section 4: Infection Control

4.1 Infection Control Information Reference Card

For your convenience, an Infection Control Information reference card, printed on durable stock, has been included with your Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System. If your card is missing or misplaced, you can request a replacement in the U.S. by calling Customer Service at 1-800-989-8826 Monday through Friday, 8:00 AM to 5:00 PM (Eastern Time) For other areas, contact your local DENTSPLY representative.

4.2 General Infection Control Recommendations

- As with all dental procedures, use standard personal protection equipment (i.e., wear face mask, eyewear or face shield, gloves and protective gown).
- As with high speed handpieces, and other dental devices, the combination of water, air and powder from your Cavitron™

PROPHY-JET® Air Polishing Prophylaxis System will create aerosols. With proper technique, much of the Cavitron™ PROPHY-JET® System's aerosol dispersion can be effectively controlled and minimized. Please carefully follow the procedural guide lines in this manual regarding the use of your System.

- For maximal operator and patient safety, carefully follow the Infection Control Information procedures detailed on the reference card accompanying your System.

4.3 Water Supply Recommendations

It is highly recommended that all dental water supply systems conform to applicable CDC (U.S. Centers for Disease Control and Prevention) and ADA (American Dental Association) standards, and that all recommendations be followed in terms of flushing, chemical flushing, and general infection control procedures.

Section 5: Installation Instructions

5.1 General Information

If the installation of your Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System is performed by someone other than trained DENTSPLY® Dealer personnel, care should be taken to observe the following requirements and recommendations.

5.2 Water Line Requirements

- The System's water supply line is factory installed. Do not disconnect from the System.
- The System's water line filter is factory installed. Do not disconnect from the system.
- Incoming water supply line pressure to the System must be 25 psi (172 kPa) to 60 psi (414kPa). If your dental water system's supply line pressure is above 60 psi (414 kPa), install a water pressure regulator on the supply line to your Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System.
- A manual shut-off valve on the dental water system supply line should be used so that the water can be completely shut-off when the office is unoccupied.
- A filter in the dental water system supply line is recommended so that any particulates in the water supply will be trapped before reaching the System.
- After the above installations are completed on the dental water supply system, the dental office water line should be thoroughly flushed prior to connection to the System.

5.3 Air Line Requirements & Recommendations

- An air supply line is factory installed on Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System. Do not disconnect it.
- Incoming air supply line pressure to the System must be 65 psig (448kPa) to 100 psig (690kPa). If your office air line pressure is above 100 psig (690kPa), install an air pressure regulator on the supply line to your Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System.
- A manual shut-off valve on the office air supply line should be used so that the air line can be completely shut-off, and the line pressure relieved when the office is unoccupied.
- Your System must be supplied with clean, dry air. To help prevent water condensation from forming in the air supply line which may cause the system to malfunction, it is strongly recommended that an air dryer be used on the compressor line supplying the System.

5.4 Electrical Requirements

Refer to Section 11: Specifications.

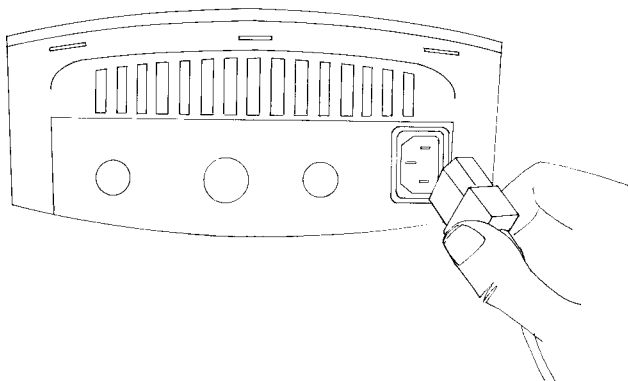
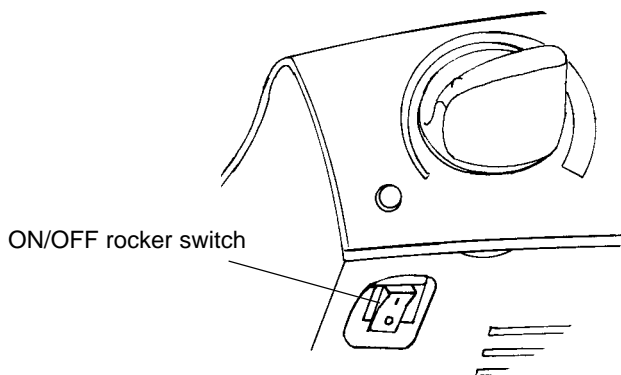
5.5 Unpacking the System

Carefully unpack your Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System and verify that all components and accessories are included:

1. Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System with water supply line, air supply line, handpiece and cable connector assembly factory installed.
2. Air filter assembly.
3. Detachable AC Power Cord set.
4. Cavitron™ JET Air Polishing Insert Nozzle with cleaning tool.
5. Dual position Foot Control Assembly.
6. JetShield™ Aerosol Reduction Device.
7. Literature Packet.

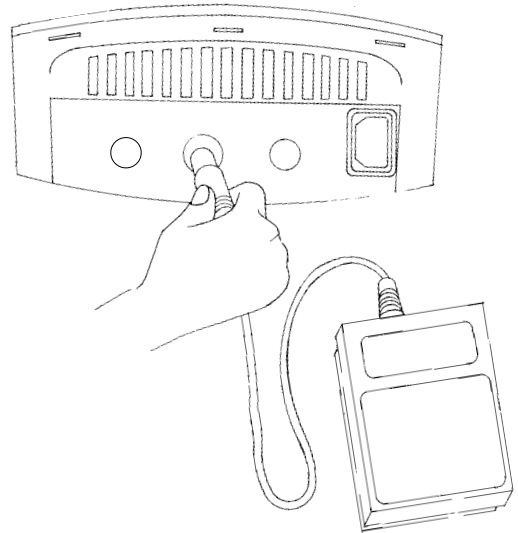
5.6 Power Cord/Power Connection

- Verify the Power Control ON/OFF rocker switch located at the left front underside of the System is set to the OFF position before proceeding.
- Plug the detachable AC cord into the back of the System.
- Plug the 3 prong grounded plug into an approved outlet.



5.7 Foot Control Cable Assembly Connection

Align the Foot Control plug with the receptacle on the back of the System and push it in until firmly seated.



5.8 Water Supply Line Connection

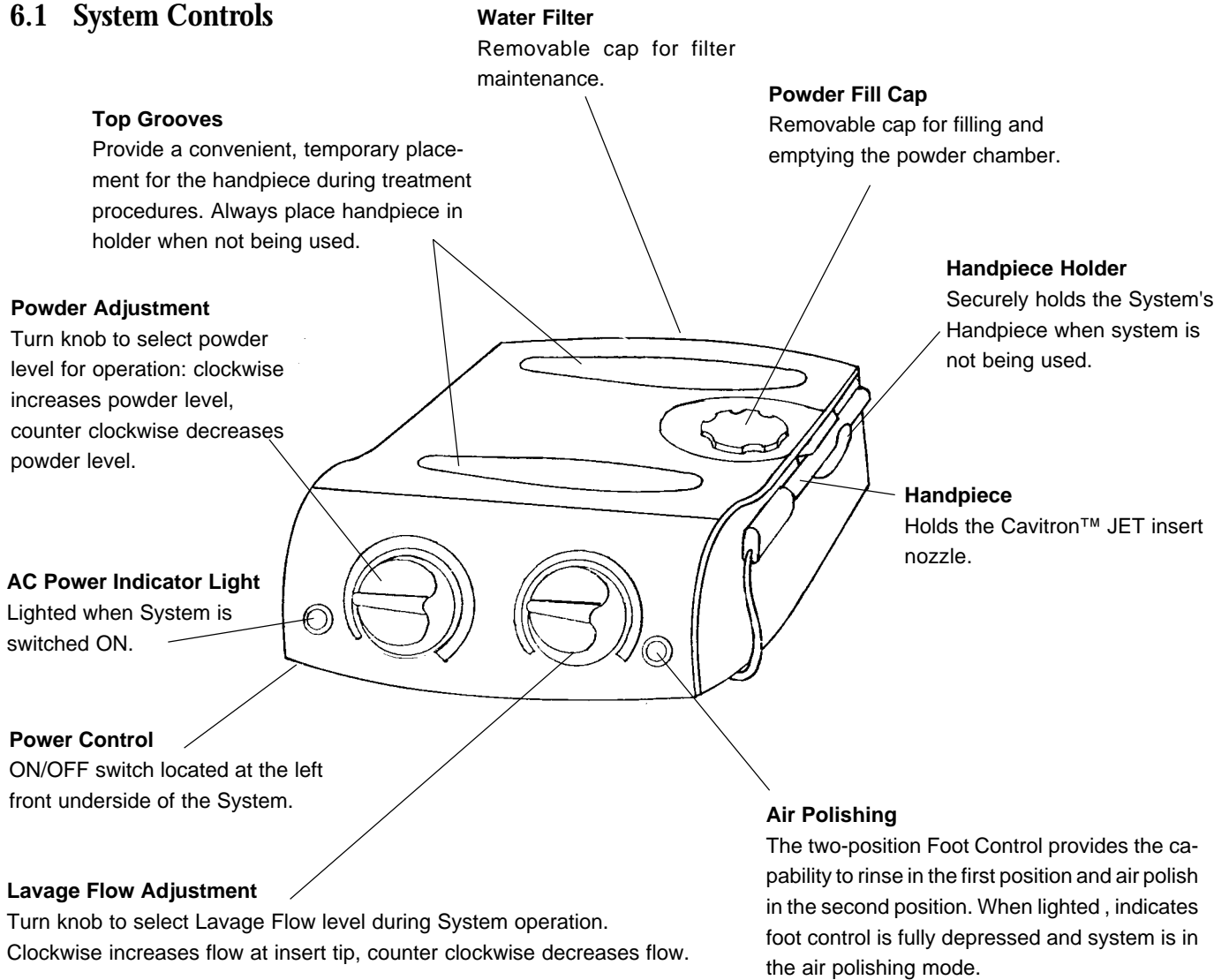
- Connect the free end of the system's water supply line to office water supply line or a Cavitron® DualSelect™ Dispensing System.
- Inspect all connections to make certain there are no leaks.

5.9 Air Supply Line Connection

- Connect the free end of the system's air supply line to office air supply line or a Cavitron™ DualSelect™ dispensing System.
- Inspect all connections to make certain there are no leaks.

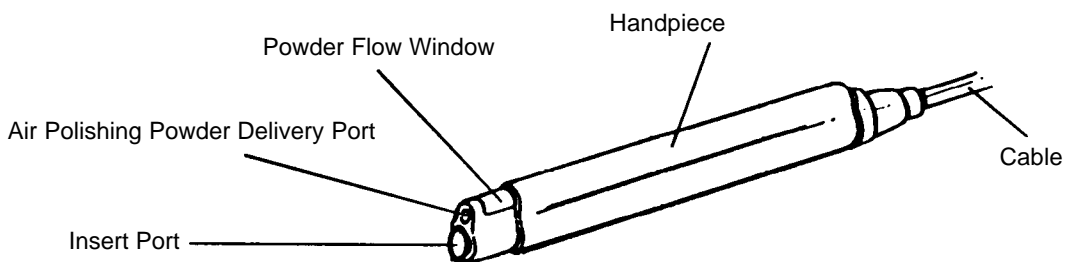
Section 6: Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System Description

6.1 System Controls

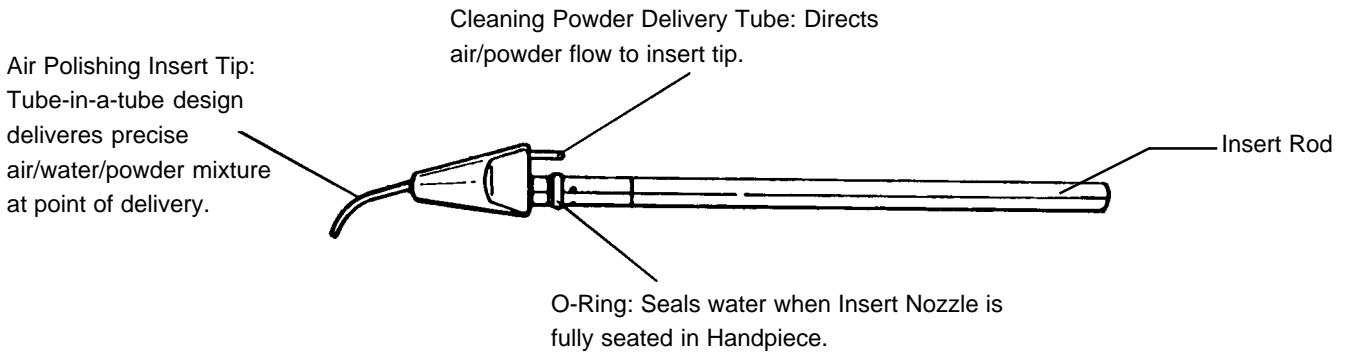


6.2 Handpiece

The handpiece accepts the JET air polishing insert nozzle.



6.3 Cavitron™ JET Air Polishing Insert nozzle

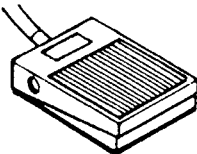
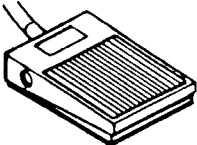
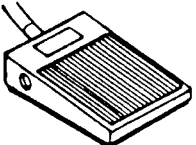

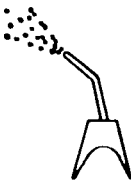



Lubricate the rubber O-ring on the insert with water before placing it into the handpiece. Place the insert rod into the insert port of the handpiece. Align the powder delivery tube with the powder delivery port and gently push into handpiece until fully seated.

6.4 Foot Control Information & Operation ↙

The Foot Control is a two-position momentary switch, which activates both lavage and powder flow and air polishing at the insert tip.

6.5 Operation for Air Polishing Procedures

<p>Foot control released.</p> 	<p>Foot control depressed half way.</p> 	<p>Foot control depressed all the way.</p> 
<p>Bleed air exits insert nozzle tip.</p> 	<p>Lavage flow (rinsing function) is activated.</p> 	<p>Air Polishing Function is activated.</p> 

Section 7: Accessories

7.1 Accessories List*

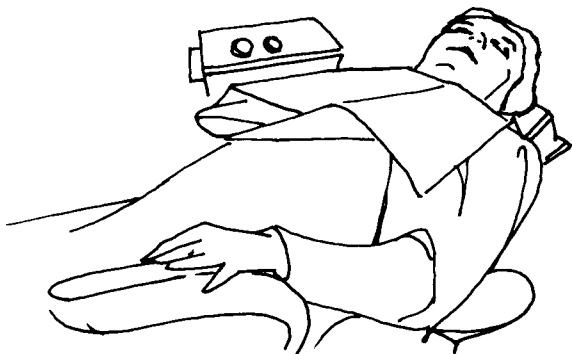
1. AC Power Cord Set
2. Cavitron™ Jet Insert Nozzle #63740
3. Dual position Foot Switch Assembly #565138003
4. DualSelect™ Medicament Dispensing System #80528
5. JetShield™ Aerosol Reduction Device #80578
6. Water Filter Replacement
7. O-Ring to Powder Cap #628052001

*For detailed information, contact your local DENTSPLY® Representative.

Section 8: Techniques for Use

8.1 Patient Positioning

- For optimal access to both the upper and lower arches, the backrest of the chair should be adjusted as for other dental procedures. This assures patient comfort and clinician visibility.



- Have the patient turn their head to the right or left. Also position their chin up or down depending upon the quadrant and surface being treated. Evacuate irrigant using either a saliva ejector or HVE.

- It is strongly recommended that the Powder Chamber be emptied at the end of each day. This will reduce moisture absorption and minimize clogging.

To fill, or refill, the powder chamber:

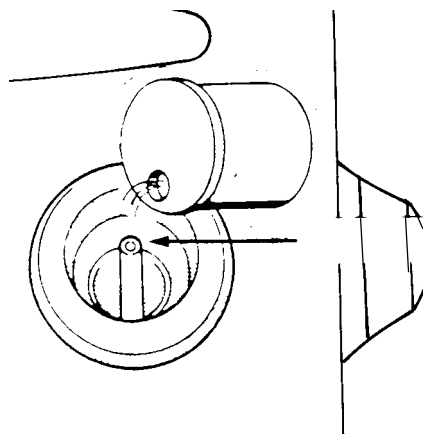
- Turn the Unit OFF.
- Unscrew the Powder Fill Cap.
- Transfer the powder from the packet into the fill container and screw on fill cap.
- Place finger over hole and shake the powder container vigorously to break up any lumps that may have formed from settling. Carefully pour powder into the chamber until the level reaches the top of the center tube.
- Replace the Chamber Powder Fill Cap and tighten.
- Turn the Unit ON.

NOTE: Use only Cavitron® Prophy-Jet® Cleaning Powder in the unit. Prophy-Jet® Cleaning Powder should be kept dry and stored in a location that does not exceed 95° F (35° C).

8.2 Air Polishing Powder Chamber

NOTE: Refer to the Infection Control Information Card (Form No. 80722) supplied with your unit for general procedures to be followed at the beginning of each day and between patients.

- Use only Cavitron® Prophy-Jet® Cleaning Powder in your Cavitron™ PROPHY-JET® System. Any other substances or additives may clog the Unit and will void the warranty. For your convenience, the cleaning powder is supplied in sealed packets. Keep packets dry and stored in a location that does not exceed 95° F (35° C).
- A special container is provided with your System for powder filling. The opening in the container's fill cap permits easy filling of the powder chamber.



To adjust the flow of powder:

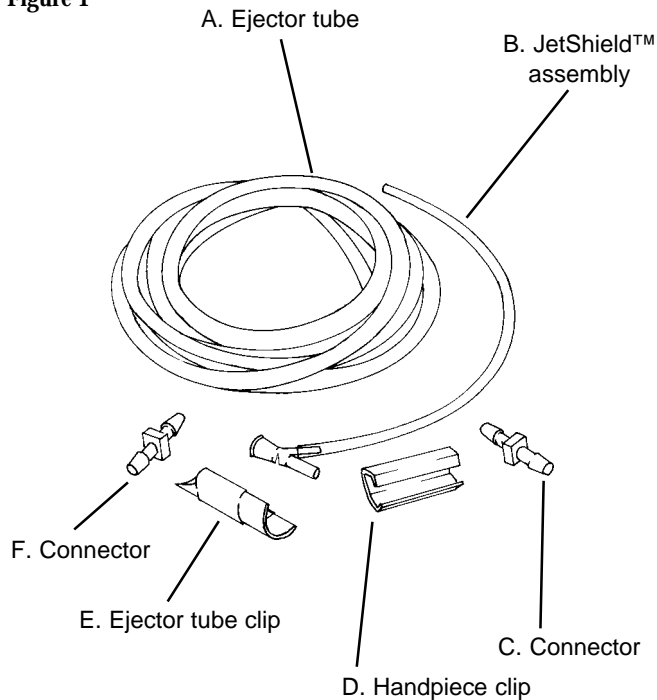
- Adjust the powder flow rate by rotating the left most control knob on the front panel.
- For heavy stain removal, Rotate fully clockwise.
- For light stain removal, Rotate fully counter clockwise.
- The control can be set at any position as necessary.
- The view window at the center of the pointer lets you observe the powder flow (a white fluffing of powder) during operation. If no flow is seen, check for clogging or add cleaning powder.

8.3 Air Polishing using the JetShield™ Accessory

Aerosol reduction device for use with air polishing systems.

JetShield™ assembly and accessories – see Fig. 1. The disposable JetShield™ assembly is designed for single use; all other components are reusable and are compatible with standard clinic equipment.

Figure 1



Precautions:

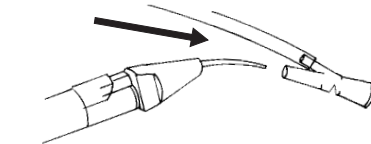
The JetShield™ itself is designed for single use only. Use of chemical or heat sterilization will lead to poor performance and malfunction of product.

The reusable components are wipe-disinfectable, using clean cloths and appropriate non-immersion type disinfectant. Wipe once with disinfectant to remove gross debris, then use fresh cloth and more disinfectant to clean surface. Dry with clean paper towel or air.

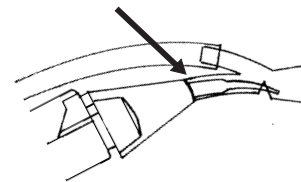
Step-by-Step Instructions:

- 1) Remove entire assembly from package.
- 2) Insert air polishing nozzle through JetShield™ cup and seat shoulder flush on nozzle. See Figure 2.
- 3) Insert connector on JetShield™ assembly into the flexible ejector tube.
- 4) Insert connector of ejector tube into operator saliva ejector.

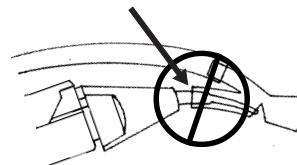
Figure 2



1. Insert air polishing nozzle



2. Seat shoulder flush on nozzle

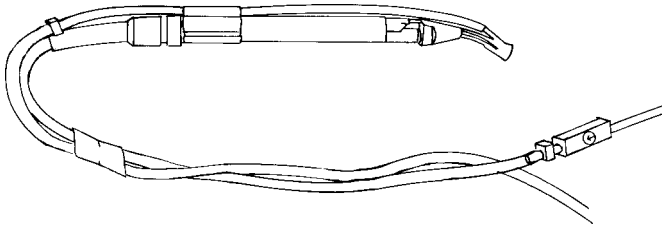


3. Incorrect positioning

- 5) Place ejector tube clip around ejector tube and handpiece cable such that cables drape together for patient and clinician comfort.
- 6) (Optional) Place handpiece clip along handpiece, close to handpiece/cable connection, such that clip is holding the JetShield™ evacuation tube in place along handpiece.
- 7) Verify that slurry exits from the JetShield™ when air polishing unit is activated. Adjust saliva ejector as necessary.
- 8) Proceed with routine air polishing, applying cup to tooth so cup flares slightly. Pivot nozzle inside cup, adapting to mesial and distal surfaces. Apply 2 seconds of spray for each segment of tooth, releasing foot control each time. If spray escapes, readjust cup to maintain flat contact with tooth surface, adjusting angle by pivoting nozzle inside of handpiece.

After completion of each procedure, remove JetShield™ assembly and dispose of JetShield™ according to applicable regulations. Wipe-disinfect all other components before next use.

Figure 3



8.4 Performing JET Air Polishing Procedures with JetShield™

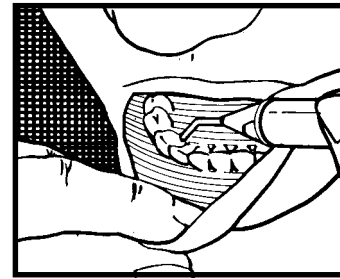
NOTE: Refer to the Infection Control Card supplied with your System for general procedures to be followed at the beginning of each day and between patients.

- Install JetShield™ on Cavitron Air Polishing Nozzle as indicated on instructions provided.
- Select the appropriate amount of powder using the front panel control on the Cavitron™ PROPHY-JET® air polishing system.
- Verify that slurry exits from the cup when held outside the mouth; adjust saliva ejector as necessary.
- Divide the tooth visually into segments to polish (incisal, middle, and gingival).
- Apply cup to middle third with light pressure so cup flares slightly.
- Pivot nozzle inside the cup to adapt to incisal, gingival, mesial and distal surfaces.
- Apply two seconds of spray for each segment of the tooth, releasing the Foot Control each time. If spray escapes, readjust cup to maintain flat contact with tooth surface. Adjust angle by pivoting nozzle inside the JetShield™ cup.
- The suction from the JetShield™ can be used to remove excess saliva from the patient's mouth.
- After completing each procedure, dispose of clear JetShield™ assembly according to Federal, State, and local regulations. Properly disinfect all other JetShield™ accessories prior to reusing them on future patients.

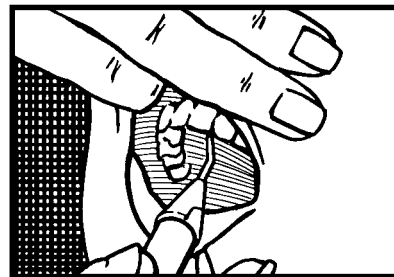
8.5 Performing Air Polishing procedures without JetShield™

- The recommended normal procedure is to clean 2-3 teeth with the air polishing spray (foot control depressed to the second position) and then rinse the area with water only (foot control depressed to the first position) to inspect the work site before proceeding to the next 2-3 teeth. If desired, the bleed air (foot control released) passing through the air polishing insert tip can be used to dry the work site during inspection.
- Flushing the patient's tongue with water only (foot control depressed to the first position) helps reduce the saline taste)

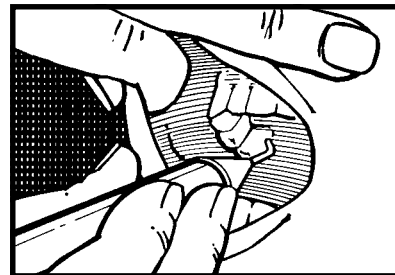
- Maintain a 3 to 4mm insert tip-to-tooth operating distance.



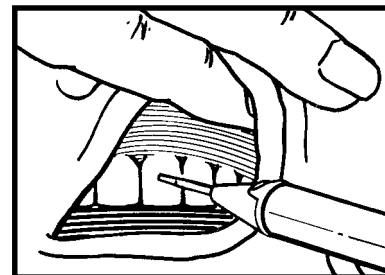
- The patient's lip should be held between the thumb and index finger of your free hand and pulled out and up, or down, to form a "cup". Do not retract the lips.
- Tilt the patient's head toward you to help prevent puddling in the cupped lip and minimize aerosol dispersion.
- Use a saliva ejector or HVE.



- In the upper anterior region, use the upper lip and your hand as a shield to help contain the aerosol spray.

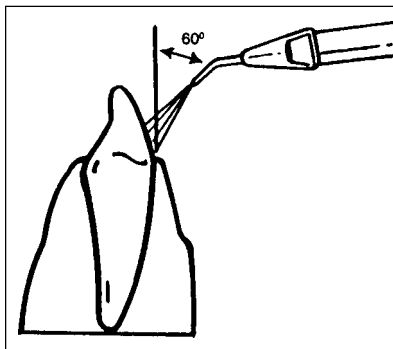


- In the posterior regions, use the cheek to help contain aerosol spray.

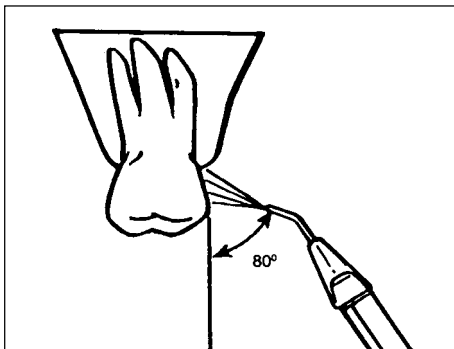


- When air polishing the facial surfaces of the anteriors, center the spray on the middle third of the tooth and use a constant circular motion. The edge of the spray will clean the teeth to the gingiva.
- Do not aim directly at the soft tissue.
- Avoid prolonged use on polished metal surfaces as a matte finish may result.

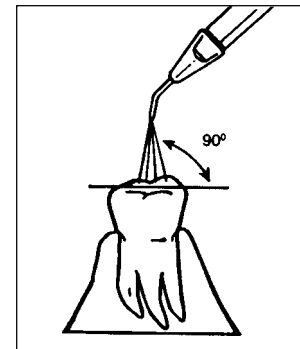
8.6 Proper Angulation of the Air Polishing Insert without JetShield™



Recommended angulation on the anterior teeth is 60° with the tip aimed at the middle third of the tooth surface.



Recommended angulation on the buccal and lingual surfaces of posterior teeth is 80° with the tip aimed slightly distally.



Recommended angulation on the occlusal surfaces is 90°.

Section 9: System Care

9.1 Daily Maintenance

Start-Up Procedures at the beginning of the day:

1. Open the manual shut-off valve on the dental water and air supply systems.
2. With the system OFF, unscrew the powder chamber cap. Verify the powder bowl is empty. Turn the Unit ON for 15 seconds to eliminate residual powder or moisture in the lines. Turn the system OFF.
3. Open a sealed packet of cleaning powder.
4. Transfer the powder from the packet into the fill container and screw on fill cap.
5. Pour the powder into the chamber until it reaches the top of the center tube and screw on powder fill cap.
6. Turn the system ON. Hold the Handpiece (without an insert installed) over a sink or drain, activate the Foot Control, and flush the water line at maximum water flow for at least 2 minutes.
7. Place a Cavitron™ JET Insert Nozzle into the Handpiece and adjust the powder and Lavage Flow as required.

Between Patients:

1. Remove Cavitron™ JET Insert Nozzle (clean using the wire cleaning tool). Sterilize (See insert instructions)
2. Set Water Control to highest setting. Activate the System and flush at least 30 seconds.
3. Turn the System OFF.
4. Clean and disinfect the surfaces of the cabinet, Power Cord, Handpiece Connector and cable assembly, Foot Control and cable assembly by applying an approved non-immersion type disinfectant solution* carefully following the instructions provided by the disinfectant solution manufacturer. To clean system, generously spray disinfectant solution on a clean towel and wipe all surfaces. Discard used towel. To disinfect system, generously spray disinfectant on a clean towel and wipe all surfaces. Allow disinfectant solution to air dry.

5. If using a closed water supply, check for adequate fluid volumes for next patient's scheduled treatment.

Shut-Down Procedures at the end of the day:

1. Turn the Unit OFF.
2. Remove Cavitron™ JET Insert Nozzle (clean using the wire cleaning tool). Sterilize.
3. Unscrew the powder chamber cap.
4. Remove the powder chamber from the cabinet. Discard the unused powder from the powder bowl.
5. Hold the open end of the powder chamber away from you. Activate the System for 15 seconds to clear the powder chamber. A high volume evacuator can be used to remove any residual powder.
6. Remove the o-ring seal from the Powder Fill Cap and clean residual powder from the cap. Be careful not to scratch or otherwise damage the plastic cap.
7. Wipe off the o-ring and place it in the fill cap.
8. If O-Ring is worn, please replace (see section 7.1 for listing).
9. Secure the lid on the powder chamber.
10. Clean and disinfect the surfaces of the cabinet, Power Cord, Handpiece Connector and cable assembly, Foot Control and cable assembly by applying an approved non-immersion type disinfectant solution* carefully following the instructions provided by the disinfectant solution manufacturer. To clean system, generously spray disinfectant solution on a clean towel and wipe all surfaces. Discard used towel. To disinfect system, generously spray disinfectant on a clean towel and wipe all surfaces. Allow disinfectant solution to air dry.

*NOTE: Water-based disinfection solutions are preferred. Some alcohol-based disinfectant solutions may be harmful and may discolor plastic materials.

If the System is connected to a DualSelect™ Medicament Dispensing System follow the recommended procedures listed in the DualSelect™ manual.

If powder fluffing is observed when Foot Control is not in use, this would indicate an air leak. To correct, turn the Unit OFF, remove the Fill Cap, clean any residual powder from the O-ring seal and threads, replace the Fill Cap, tighten, and turn the Unit back ON.

9.2 Water Filter Maintenance

1. Disconnect water line from source (either Dental Unit or DualSelect™)
2. Bleed out water line into sink.
3. Unscrew water filter cap.
4. Remove water filter and check condition of water filter.
5. Replace water filter if filter is dirty or discolored.
6. Screw water filter cap back on.
7. Connect water line to source.

Section 10: Troubleshooting

Although service and repair of the Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System should be performed by DENTSPLY® personnel, the following are some basic trouble shooting procedures that will help avoid unnecessary service calls. Generally, check all lines and connections to and from the System, a loose plug or connection will often create problems. Check the settings on the System's knobs.

10.1 Troubleshooting Guide

System will not operate:

(Power Indicator Light is not lighted)

1. Check that the Power switch is in the ON position, and that detachable Power Cord is fully seated in the receptacle on back of System.
2. Check that the System's three-prong plug is fully seated in an appropriate AC receptacle, and that AC current is present.

(Polish Indicator Light is not lighted)

1. Check that the Foot Control Connector is fully seated in the Foot Control Receptacle on the back of the System.

System operates:

(No lavage flow at insert tip)

1. Assure that Lavage control is properly adjusted.
2. Check that irrigant supply control valve/s (dental office water supply) are open.
3. If connected to DualSelect™ Dispensing System, check that fluid level in the selected bottle is sufficient. Make sure valves are open when using external water source.
4. Check that water filter is clean. Replace water filter if needed.

(JET Insert Nozzle blocks repeatedly)

1. Powder is moisture contaminated (lumpy). Discard powder.
2. Air filter is contaminated. Clean or replace filter.

(No bleed air)

1. Blocked JET nozzle. Clean JET Nozzle using supplied tool.
2. Blocked filter. Clean or replace filter.

(No or poor cleaning action)

1. Very low powder level or empty Powder chamber. Fill Powder Chamber.
2. Blocked JET Nozzle. Clean JET Nozzle using supplied tool.
3. Fill Cap is loose. Tighten powder fill cap, and turn System ON.

(Continuous powder agitation)

Fill cap not securely sealed. Shut System OFF. Remove the O-ring seal from the fill cap and clean residual powder from the cap. Be careful not to scratch or otherwise damage the plastic cap. Wipe off the O-ring and place it in the fill cap and turn System ON.

10.2 Technical Support and Repairs

For technical support and assistance call 1-800-347-7412 Monday through Friday, 8:00 AM to 5:00 PM (Eastern Time). For other areas, contact your local DENTSPLY® representative.

Section 11: Specifications

Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System: 100/115 VAC Systems	
Mode of Operation:	Continuous operation with intermittent loading: 10 minutes ON / 20 minutes OFF
Electrical Voltage	100V Gen 122J 115V Gen 122
Current	1.1/1.1 amps @ 100v/115v
Frequency	50/60 Hertz
Water Pressure	25-60 psig (172 - 414 kPa)
Air Pressure	65-100 psig (448 - 690 kPa)
Flow Rate	Minimum setting (CCW) 0-15 ml/min Maximum setting (CW) >55 ml/min
Weight	12 lb. -5,4 kg)
Dimensions	Height: 4 in. Width: 7 3/8 in. Depth: 9 1/2 in. Handpiece Cable: 81 in. Foot Control Cable: 96 in. Power Cord: 84 in. Water Supply Line: 96 in. Air Supply Line: 98 in.

Cavitron™ PROPHY-JET® Air Polishing Prophylaxis System: 200/230 VAC Systems	
Mode of Operation:	Continuous operation with intermittent loading: 10 minutes ON / 20 minutes OFF
Electrical Voltage	200V Gen 122D 230V Gen 122U
Current	.7/.6 amps @ 200v/230v
Frequency	50/60 Hertz
Water Pressure	172 - 414 kPa
Air Pressure	448-690 kPa
Flow Rate	Minimum setting (CCW) 0-15 ml/min Maximum setting (CW) >55 ml/min
Weight	5,4 kg
Dimensions	Height: 10,2 cm Width: 18,7 cm Depth: 24,1 cm Handpiece Cable: 2,0 m Foot Control Cable: 2,4 m Power Cord: 2,1 m Water Supply Line: 2,4 m Air Supply Line: 2,5 m

OPERATING ENVIRONMENT

Temperature	10 to 25 degrees celsius
Relative Humidity	30 to 75 percent (non-condensing)

TRANSPORT AND STORAGE CONDITIONS

Temperature	0 to 70 degrees celsius
Relative Humidity	10 to 95 percent (non-condensing)
Atmospheric Pressure	500 HPa to 1060 HPa



AC POWER

IPX1 classification of increase of water



TYPE B EQUIPMENT



FOOTSWITCH

Footswitch not for operating theatres
Protection Class - IPXO



Refer to instruction manual for information



POWER ON



POWER OFF

Section 12: Classification

- Type of protection against electric shock: Class 1
- Degree of protection against electric shock: Type B
- Degree of protection against the harmful ingress of water: Ordinary
- Mode of operation: Continuous
- Degree of safety of application in the presence of a flammable anaesthetic mixture with air or with oxygen or nitrous oxide:
Equipment not suitable for use in the presence of flammable anaesthetics or oxygen.
- According to medical device directive: IIA (rule 9)

Section 13: Disposal of Unit

- Accordance with local and state laws.

Worldwide Service Centers
Centres de service après-vente mondiaux
Centros de servicio mundiales
Service-Zentren im Ausland
Centri di assistenza internazionali

U. S. A.

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Phone: (800) 347-7412

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