



## Bosworth ProphyBrite™ Instructions For Use

Bosworth ProphyBrite™ provides quick and gentle patient care. This unit delivers a fine sodium bicarbonate and water slurry for easy removal of plaque and stains. Ideal for cleaning and preparing teeth prior to placement of orthodontics brackets, sealants, bleaching, and fluoride treatments. Offers chair side convenience. Unit is easy to install, light weight, and portable from operator to operator. Connects to most four-hole handpiece coupler/air and water connection. A specific four-hole hose connection should be designated for optimal results.

### PRIOR TO FIRST USE

Please view the videos available on the Keystone website (see below for scannable code). Sterilize the nozzle by autoclaving at 121°C (250°F) for 30 minutes. Allow to dry for 15 minutes. Rinse ProphyBrite™ body and dry with air syringe. If you have any questions, please call (800) 333-3131.

### INSTALLATION

Set dental delivery unit's air pressure to 65-70 psi. Connect the ProphyBrite™ to the four-hole high speed hand piece tubing. Should the unit not fit your four-hole high speed hand piece tubing, Bosworth offers a variety of adaptors including: Kavo, NSK Mach-QD, NSK Ti-Max, W&H-Adec, Bien Air and Dental EZ.

### INSTRUCTIONS FOR OPERATION

1. Clean the ports of the powder chamber before filling with powder. Utilize cleaning files and then blow air through ProphyBrite™ body and nozzle.
2. Fill the chamber with prophy powder. Do not fill past the fill line. Place cap securely on the reservoir being careful not to cross thread or turn chamber upside down.
3. Direct the nozzle towards the surface of the tooth approximately one half inch from surface and apply powder spray in small circular motions. Repeat this step on each tooth. **Avoid soft tissue.**
4. Clean ProphyBrite™ nozzle after each use in order to assure that nozzle is clog free.
5. Rinse chamber with warm water and completely dry with air.
6. If not using ProphyBrite™ immediately discard powder and rinse ProphyBrite™ body internally and externally. Reinstall reservoir cap and attach to hand piece tube. Blow air only through body, drying body completely in preparation for next use.

### INSTRUCTIONS FOR STERILIZATION OF NOZZLE

1. Insert the appropriate cleaning file in each air and water port to assure each pathway is clear prior to autoclaving nozzle. **Do not autoclave nozzle if clogged.** If clogged, please review DVD for instruction on ProphyBrite™ Maintenance.
2. Rinse nozzle internally and externally before sterilizing and blow air through nozzle to ensure it is not clogged.
3. Autoclave at 121°C/250°F for 30 minutes. Allow to dry for 15 minutes. **Never autoclave ProphyBrite™ body.**
4. Reassemble ProphyBrite™ for next use, attach to hand piece tubing and blow air only through ProphyBrite™.

## CAUTION

1. Avoid turning the ProphyBrite™ upside down while in use. Rotate nozzle (360° capability) and not the air polisher.
2. Prophy Powder must be kept dry at all times to avoid clumping. Store powder in a dry and cool location.
3. Operator and patient should wear eye protection.
4. Patients wearing contact lenses may wish to remove them prior to treatment.
5. ProphyBrite™ should not be used on patients with exposed cementum or dentin. This unit is powerful and may cause injury to gums. Do not direct the nozzle directly at the gum tissue.

## NOTES

1. Air pressure should be set between 65-70 psi on the dental delivery unit.
2. Never autoclave the ProphyBrite™ body, use a disinfecting wipe to disinfect.
3. Never autoclave a clogged nozzle.
4. Remove clog by (1) using files or orthodontic wire or (2) soaking in vinegar or warm-hot water for 5-10 minutes. Rinse judiciously. Dry by blowing air through nozzle and/or body.
5. Please be aware the powder chamber cap can wear due to continuous pressure and vibration from the powder/water slurry hitting the inside of the cap. We recommend changing the powder chamber cap every six months to prevent wear.

## SPECIFICATIONS

Service Pressure 65-70 PSI

**Follow suggested prophy powder manufacturer instructions.** Sodium Bicarbonate prophy powder contraindications include patients with restricted sodium diets or patients who are on diuretics or long-term steroid therapy. Additionally, patients who have respiratory, renal, metabolic, infectious disease or patients diagnosed with Addison's disease or Cushing's disease should not use prophy powder.

## REORDER INFORMATION

16670 Bosworth ProphyBrite™ Kit (specify color)

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16674 Cleaning File Set (1- 2.5cm, 1- 8cm, 1- 10cm )

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16677 Nozzle

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16681K Spare Parts Kit (powder chamber cap & o-rings)

16671 Bien Air Adaptor

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16678 Kavo Adaptor

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16680 NSK Mach-QD Adaptor

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16683 NSK Ti-Max Adaptor

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16684 W&H-Adtec Adaptor

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16686 Dental EZ Adaptor

## PROPHY POWDER

16690 Prophy Powder 10 oz Grape

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16691 Prophy Powder 10 oz Spearmint

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16692 Prophy Powder 10 oz Orange

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16630 Prophy Powder 10 oz Strawberry

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16631 Prophy Powder 10 oz Raspberry

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16632 Prophy Powder 10 oz Lemon-Lime

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16696 Prophy Powder Tri-Pack  
( 3 oz Orange, 3 oz Grape,  
3 oz Spearmint)

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16636 Prophy Powder Tri-Pack  
(3 oz Strawberry, 3 oz Raspberry,  
3 oz Lemon-Lime)