

# Standard or Push Button Highspeed Handpiece

## Pana-Air Style Canister Type

For professional use only. Warning: This product is intended for use by a dental professional only. Before operating handpiece carefully read the following instructions and save them for future reference. Observe all cautions and warnings, including:

- Handpieces should be heat sterilized between patients to prevent cross-contamination which could result in serious illness or even death from infectious organisms such as HIV (the virus that causes AIDS) or hepatitis B.
- Do not cut with the handpiece unless you are sure the bur is secure. Do not extend the bur outward from the handpiece head. A loose or extended bur could eject from the head or break and cause personal injury.
- Do not use this handpiece within the oral cavity when a soft tissue wound is present. Air pressure may force septic materials into the tissues.

### Installation:

Make sure all tubings are connected and in good working order. Connect only to an ISO 4 line dental handpiece tubing or to a 2/3 line (borden) dental handpiece tubing.

### Air Requirements:

The handpiece delivers designed speed and torque when operated with clean, filtered, moisture-free air at the recommended air pressure of 35 p.s.i.. Air pressure should be measured at the end of the handpiece hose. Reference your dental control unit manufacture service manual for proper adjustment of air pressure.

### Initial maintenance:

Follow the MAINTENANCE procedure, below, before using your handpiece.

### Maintenance:

The following maintenance procedure is for maintenance with Vector Spray. If any other lubricant is used follow the recommended procedure of the lubricant manufacture.

**Spray:** Remove the bur and lubricate the handpiece by spraying lubricant into the smaller of the two large holes (4 hole) or the large drive hole (2/3 hole). Use of a Vector 4 line (VL-AS) adapter will insure that the correct tube is lubricated.

**Run:** Run the handpiece for 5 or 10 seconds to expel excess lubricant. This should be done at the dental unit in the operatory or at a lube station in the sterilization area.

**Wipe:** Wipe the exterior of the handpieces with a 4x4 lightly dampened with alcohol. Use pure rubbing alcohol only, many over the counter wipes have other solutions added to them, this may cause spotting of the handpiece and severe damage to the internal parts of the handpiece.

**Bag and Autoclave:** Sterilize the handpiece as per manufactures instructions. Always go through the dry cycle on your sterilizer. Note we recommend using sterilization bags with at least one side paper.

**Let Cool:** Remove the handpiece from the sterilizer and let cool to room temperature.

Don't re-lubricate – Vector spray does not require re-lubrication.

### Operation:

To operate the handpiece: simply depress the foot control. For water spray and chip air, refer to dental unit instructions.

**Installing and removing burs:** Alpha-Air Plus handpieces accept regular friction grip (FG) burs. To remove and install burs clip the bur tool over the head and turn the knob counterclockwise until bur is loose, to tighten turn clockwise.

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