

Introduction

Welcome!

We would like to thank you for your purchase. A good familiarization with the handpiece will help maximize the performance and increase their durability.

Before you start using the handpiece, we recommend a careful reading of this manual.

Specifications

Weight : 1.7 oz (60 grams).

Length : 1.75 inch (100 mm).

Speed : 5000 RPM @ 40 psi.

Connection : 4 Hole Connectors.

Installation

Since the air pressure adjustment of the handpiece is in direct relation with their performance, safety and useful life, install the handpiece to your delivery unit and Verify that the air pressure does not exceed 40 psi when pressing fully down on your foot control. Adjust accordingly if needed, or call an authorized technician.



Do not exceed 40 psi on your delivery unit when operating the handpiece.

Angle Insertion/Removal

Insertion:

Push angle into handpiece, rotate and align

Angle slot With detent screw, press firmly.

Removal:

Hold handpiece at nose cone section and pull angle out.

Troubleshooting

Handpiece will not start, or lack of power

Bad or defective angle.

Replace with new Angle.

Air pressure too low.

Adjust dental unit air pressure to read at the motor air entrance between 25 - 40 psi.

Connector not threaded on tight.

Inspect your connector, make sure it is threaded tight to the motor.

Worn gasket

Inspect your rear Gasket, replace if Gasket is brittle or cracked.

Crimped Tubing.

Repair or replace tubing.

Care & Recommendations

*Use good quality angles in good condition.

*Remove angle when unit is not in use.

*Always check that your compressed air is filtered, dry, and free of oil.

*Wear personal safety glasses and gloves when operating the handpiece.

*Visual inspect connector gasket prior to each use.

Cleaning & Sterilization

1. Use puncture resistant gloves prior to preparing handpiece for sterilization.
2. Remove all sharp objects such as C-SAW files from handpiece.

3. Disconnect handpiece from delivery unit.
4. Clean all external surfaces using a tooth brush or a wet sponge to remove debris.
5. Dry thoroughly.

6. Oil handpiece and/or attachment per lubricating instructions.

7. Place handpiece and/or attachment in a sterilization bag made of paper or paper/plastic type only.

8. Sterilize. Do not exceed 275° F. (135° C).

Recommended Sterilization Cycle

PROCESS TYPE	MINIMUM TIME in minutes at STERILIZATION TEMPERATURE	
	WRAPPED	UNWRAPPED
Saturated Steam Standard Chamber 132 °C at sterilization temperature	30	30

9. After drying cycle is complete, remove handpiece from sterilizer and allow to cool in bag.

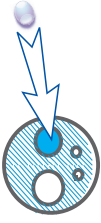
10. Insert and lock bur in handpiece.

11. Lubricate handpiece- 1 to 2 drops only!

The FDA recommends that all reusable handpieces be heat sterilized between patients.

Lubricating the Motor

Place one to two drops of dental oil into the motor air tube, and operate motor for a few seconds.



Lubricate 3 times a day, at start, in the middle and at the end of each working day, as well as before each cycle of sterilization. Dental oil is recommended for the lubrication.



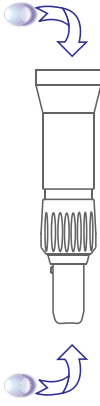
Care & Recommendations

- *Use good quality files in good condition.
- *Remove files when unit is not in use.
- *Always check that your compressed air is filtered, dry, and free of oil.
- *Wear personal safety glasses and gloves when operating the handpiece.
- *Visually inspect connector gasket prior to each use.

The FDA recommends that all reusable handpieces be heat sterilized between patients.

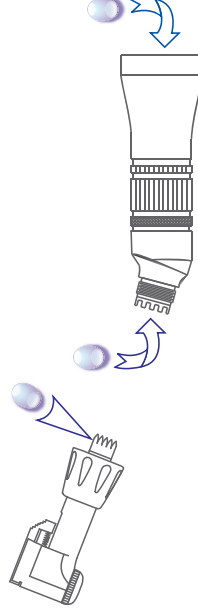
Lubricating the Straight Nose Cone

1. Remove bur or Angle from Straight Nose Cone.
2. Place one to two drops of dental oil in back end of Nose Cone as indicated by arrows.
3. Place one to two drops of dental oil into front spindle opening as indicated by arrows.
4. Insert a stone bur into spindle and rotate by hand several times.



Lubricating The Attachments & Heads

1. Remove bur from Head and remove Head from Attachment.
2. Place one to two drops of dental oil in back end of attachment.
3. Place one to two drops of dental oil into front opening of attachment.
4. Remove Gear Shaft from Head and apply one drop of oil on each end.
5. Insert Gear Shaft back into Head and secure on Contra Angle Attachment.
6. Attach Contra Angle Attachment with Head onto Motor and operate motor for a few seconds.
7. Wipe off any excessive lubricant from Motor and Attachment.



Super Drive Pro™

5000 RPM

Dental Handpiece Operating Instructions



Danville