

Cleaning and Sterilization of iM3® Low Speed Handpiece

1. Use puncture resistant gloves prior to preparing handpiece for sterilization.
2. Remove all angles and objects such as drills, burs, etc. 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 attachments 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	
	INSTRUMENTS:	
	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. Lubricate handpiece.



- Never ultrasonically clean.
- Never dry heat sterilize.
- Do not use sterilization bags containing disinfectants.
- Do not spray, wipe or immerse handpiece in surgical milk, alcohol or disinfectants.

Troubleshooting

Handpiece will not start, or lack of power.

Bad or defective proph angle.
Replace with new angle.

- **Air pressure too low.**
Adjust dental unit air pressure to read at the pressure gauge 40 psi.
Inspect the connector, make sure it is threaded tight to the motor and not leaking air.
- **Worn Gasket.**
Inspect the rear gasket, replace if gasket is brittle or cracked. (iM3 code L6018)
- **Crimped Tubing preventing air to HP.**
Repair or replace Tubing.

Specifications

Weight: 3.1oz (90grams)
Length: 4.0inch (100mm)
Max Diameter: 0.75inch (19mm)
Speed: LS motor 20,000rpm
Accepts: Disposable and non-disposable proph angles.
Connection: 4 hole connectors.
FOR VETERINARY DENTAL USE ONLY

For sales & enquiries

iM3 Australia

Sydney, Australia.

Ph: + 61 2 9420 5766 **Fax:** + 61 2 9420 5677

Email: sales@im3vet.com **Web:** www.im3vet.com

iM3 USA

Vancouver, WA.

Ph: + 1 800 664 6348 **Fax:** + 1 360 254 2940

Email: info@im3usa.com **Web:** www.im3vet.com



The Veterinary Dental Company

Advantage

Low Speed Handpiece System

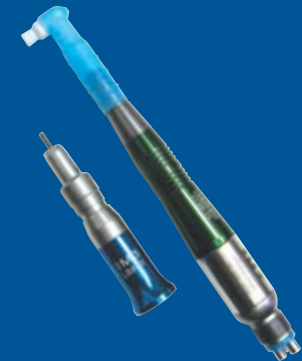
Ergonomically designed, light weight low speed handpiece.

Low Speed Motor L6990

Straight Nose Cones

4:1 Green for polishing L6995

1:1 Blue for L/S Attachments L6860



Operating Instructions

www.im3vet.com

iM3® Low Speed Installation Instructions

1. Make sure the gasket is in place on the bottom of the LS motor. Screw the low speed motor onto the dental machine low speed cable connector, hand tighten only.
2. Place the 4:1 or 1:1 SNC on the low speed motor by pushing it all the way onto the top of the motor.
3. Place the iM3 R&R prophy angle into the 4:1 SNC or HP bur into the top of the 1:1 SNC following the instructions in this pamphlet.
4. Set the HP air pressure on the low speed airline to 40psi.

NOTE: The 1:1 SNC Blue will operate only when the chuck locking ring on the SNC is in the closed position.



Fitting R&R Polishing Heads in the 4:1 SNC (Green) and HP Bur in 1:1 SNC (Blue)

Fitting R&R (iM3 code L7465)

Place the R&R prophy angle over the chuck housing making sure the slot in the R&R lines up with the small screw in the side of the chuck housing.



4:1 Straight Nose Cone accepts disposable and non-disposable prophy angles.

Fitting HP Bur or Disc to 1:1 SNC

Hold the handpiece LS Motor with 1:1 SNC installed. Twist the ring 1/4 turn to the right until it stays down toward the body of the handpiece in its unlocked or open position.

Place the HP bur all the way inside of the top of the 1:1 Blue SNC chuck housing. Return the chuck housing ring to its original locked position by twisting it 1/4 turn to the left. The handpiece is now ready to be used.

Removing HP Bur

Twist the chuck locking ring 1/4 turn to the right to the open position on the Blue SNC. Push in first then pull out the HP bur from the chuck housing.

Lubricate the Low Speed Handpiece

Lubricate the low speed motor and SNC every day you use them as follows:

1. Remove the iM3® Low Speed Handpiece from the airline connector and apply 2 drops of TriFlow™ lubricant (or comparable) in the air inlet - the smaller of the two large tubes on the bottom.



2. Re-attach the handpiece with either a prophy angle or HP bur and operate for 5 to 10 seconds to distribute the lubricant to all internal parts.

Lubricating the Straight Nose Cone

Follow the steps below to lubricate the Green 4:1 SNC and the Blue 1:1 SNC

1. Remove Angle from Straight Nose Cone.
2. Place one drop of Triflow™ in back end of Nose Cone as indicated by arrows.
3. Place one drop of Triflow™ into front spindle opening as indicated by arrows.
4. Run handpiece for 5-10 seconds to distribute oil.

