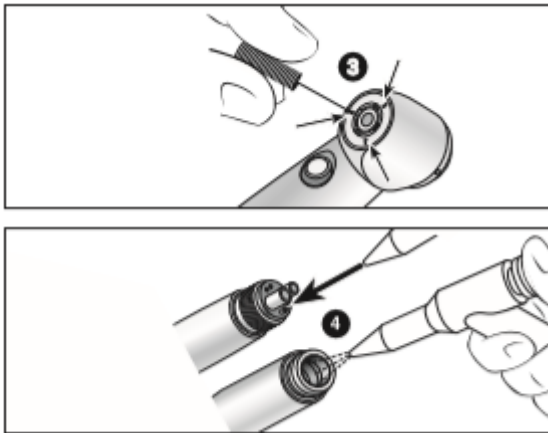


Hygienic Maintenance for H/S hand pieces

Manual cleaning internal and external parts

If heavily soiled, clean the handpiece with wipes and a non-protein fixing detergent or disinfectant.

- 1) Rinse under demineralized distilled water
- 2) Dry using an absorbent cloth or blow dry with the compressed air from the 3-way syringe.
- 3) Clean the nozzle carefully using the supplied nozzle cleaner to remove any dirt and deposits.
Picture below.

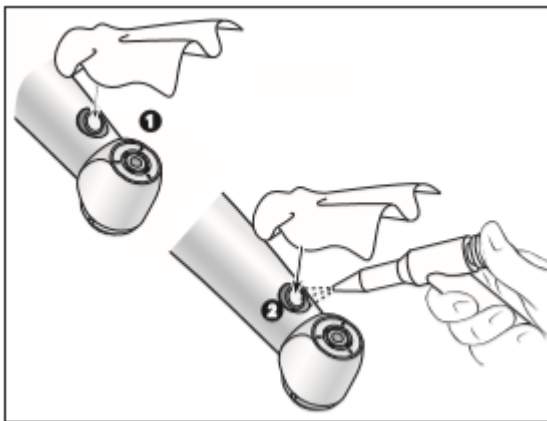


- 4) To internally clean the handpiece, blow through the coolant tube using the 3-way air syringe

Cleaning the optic outlet

Avoid scratching the optic outlet.

- 1) Wash the optic outlet with a detergent or disinfectant and a soft cloth.
- 2) Blow the optic outlet dry with the air syringe or dry it carefully with a soft cloth.



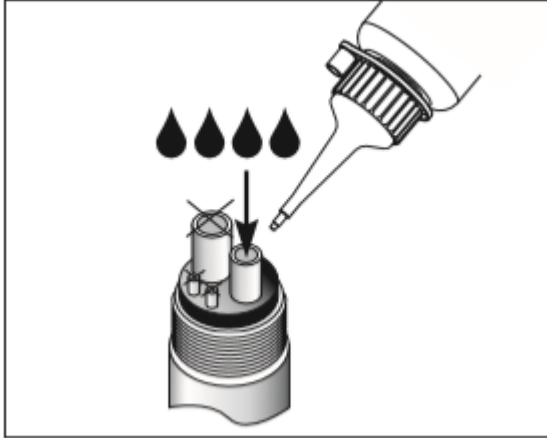
If the optic is damaged, do not use the hand piece and contact iM3 or your local distributor



THE VETERINARY DENTAL COMPANY

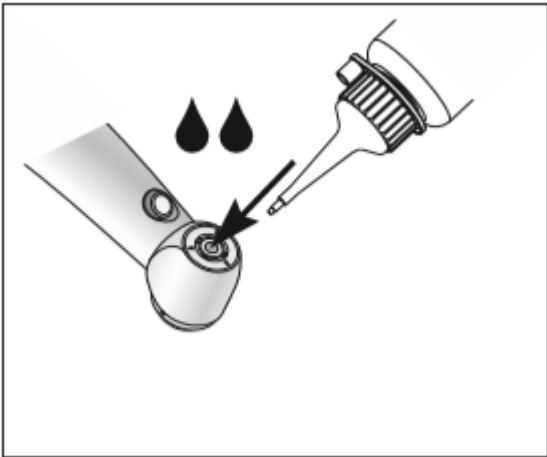
Daily oil service with iM3 MD-30 or F1 MD400 hand piece oil

- 1) Essential after every internal cleaning
- 2) Before each sterilization
- 3) After 30 minutes of use or at least once daily



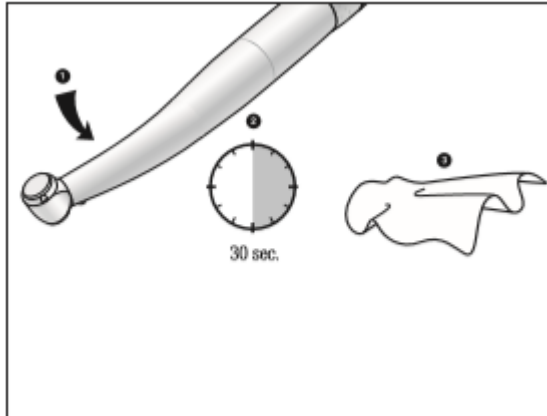
Handpieces must be lubricated with MD-30 or F1 MD400 hand piece oil. Failure to do so will void all warranties.

The turbine of the handpiece should also be oiled daily. This can be done by placing 3-4 drops into chuck system.



Test run following oil service

- 1) Place the high speed handpiece with the head downward
- 2) Run the high speed handpiece for 30 seconds to remove excessive oil
Repeat the complete hygiene and maintenance process at any sign of dirt re-emerging
- 3) Wipe the high speed hand piece with a soft cloth



Autoclaving

- 1) Do not autoclave at temperatures exceeding 134°C.
- 2) After autoclave cycle is completed and before use, lubricate the handpiece.
- 3) Remove burs before autoclaving.

Do not submerge the handpiece in disinfectant solution or use an ultrasonic bath.

H/S HAND PIECE AND TURBINE GUIDE

Most common causes of turbine failure in the dental hand piece is; irregular or insufficient oiling of the handpiece, re-using burs and accidentally catching burs in gauze ties during dental work.

- When oiling the handpiece, only use iM3 MD-30 oil or MD400 oil. Other oils can clog up the handpiece and turbine and cause it to malfunction. Lubrication of the handpiece should be done after every use. Run the handpiece for 30 seconds after oil is applied. It is also recommended to use oil after each autoclave cycle. (autoclave only at 134°C)
- Re-using burs should never be done. This will cause the chuck in the turbine to wear down and break. Burs are single use surgical implements only and should be discarded after use. Only iM3 burs should be used as differing shank diameters can strain the turbine and cause it to break.
- Gauze ties are a major cause of turbines breaking. If the bur touch off the gauze it can suck a tiny fragment into the turbine. This in turn will break the turbine and cause the bur to become stuck in the hand piece. iM3 have a new product, anaesthetic tube ties, which eliminates the need to use gauze for securing the endotracheal tube.

If you need to order oil the codes are below,

- MD-30 = Small bottle of oil
- MD400 = 400ml spray can of oil. In addition, you need the cap with the code MD4010
- The order code for the anaesthetic tube ties is SILC50. These come in a pack of 50