



StarDental® Instrument Solutions

**BEFORE OPERATING, CAREFULLY READ AND FOLLOW ALL OF THESE INSTRUCTIONS. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE AND OBSERVE ALL WARNINGS AND CAUTIONS.**

**▲ WARNING** Electric motor systems generate significantly more power than air driven handpieces; therefore, if not properly operated and maintained, could produce heat **capable of causing serious burn injuries** to the patient.

Please adhere to the following guidelines:

1. Prior to using on a patient, run attachments to **check for heat build up** around head of the attachment, excessive noise and vibration. See #2.
  - When checking for heat build up, lightly touch the attachment head and end cap to the tissue between the thumb and index finger and run attachment for approximately 10 seconds. The cap and head normally run warm. If excessive heat is felt, or attachment head becomes uncomfortable to touch, return attachment. See #2
2. Please return all suspect attachments to **StarDental®** for service to ensure proper performance by using only genuine **StarDental®** parts.
3. **Never** depress the autochuck end cap button or rest the end cap on any part of the oral anatomy during handpiece operation. Depressing the end cap while a bur is rotating can result in end cap heat up.
4. Lubricate attachments prior to first use and prior to each sterilization with Handpiece Lubricant, **StarDental®** part number 265138.
5. Please contact the **StarDental®** Customer Service department at 1-866-DTE-INFO with questions pertaining to maintenance and repair.

## **ATTACHMENT LUBRICATION PROCEDURE**

Lubricate attachment prior to first use and prior to sterilization with **NuTorque Electric Handpiece Lubricant, StarDental Part #265138.**

1. Thread lube tip, **StarDental** Part #263026, onto spray can applicator by threading it 10 turns clockwise.

**Note:** Lubricant propellant pressure could eject the attachment from spray nozzle. Cover the Unit and spray nozzle with a paper towel after inserting nozzle into attachment.

2. Shake can of lubricant vigorously prior to each application. This mixes the oil with the propellant and ensures proper application of oil.

3. Place paper towel around attachment.

4. Hold attachment firmly, insert the lube tip into rear of attachment and spray until oil is expelled from the head of the attachment.

5. If brown/black oil is expelled from the head, repeat step 4 until the oil is clear. This ensures dirt and debris has been expelled from the attachment head.

6. Wipe off excessive lubricant from attachment.

7. Stand attachment upright for 2 minutes on a paper towel to drain excess lubricant.

8. Sterilize.

## **ATTACHMENT STERILIZATION PROCEDURE**

**▲ WARNING** Attachments, burs and motor Must Be Cleaned and Sterilized Before First Use and After Each Patient.

1. Wear puncture resistant gloves to prepare attachment for sterilization.
2. Confirm that a bur is in the attachment chuck (never operate attachment without a bur in place)
3. After each patient, flush air and water by running attachment for 20 seconds.
4. Remove bur. Disconnect attachment from motor.
5. Disconnect motor from tubing by unscrewing coupler (counter-clockwise) and pulling motor in the axial direction (direction of E connector).
6. Clean all external surfaces of attachment and motor using a small toothbrush and soft cloth with isopropyl alcohol.
7. Dry thoroughly, lubricate attachment (See Attachment Lubrication Procedure panel).
8. Sterilize:

**NOTICE** To Prevent Damage To the Bur, Use an Autoclavable Bur Block.

Attachments, burs and/or motors should be autoclaved using one of the following two methods:

- a. Three pre-vacuum cycles for 4 minutes at 134°C ± 1  
OR
  - b. Autoclave using the gravitation method for at least 90 minutes at 121°C ± 1
- Follow the manufacturer's operating manual.

## **STERILIZATION PROCEDURE, CONTINUED**

9. Remove attachment, bur(s) and/or motor from sterilizer after drying cycle ends and allow to cool in bag.
10. Connect motor to tubing. Refer to Electric Handpiece System's instruction manual.
11. Connect attachment to motor. Install bur.
12. Run attachment for 20 seconds.

**Note:** An unwrapped attachment, bur and motor need to be used immediately or sterility is not maintained.

Do not exceed the sterilizer manufacturer's guidelines for load capacity. Use only paper or paper/plastic bags. Always use complete dry cycle of sterilizer. Always allow product to cool in bag to room temperature prior to using. Contact your sterilizer manufacturer if moisture remains inside bag and on product after drying.

### **⚠ CAUTION**

Use steam sterilization exclusively for complete sterility. Never dry heat sterilize, ultrasonically clean, expose to chemical disinfection or cold sterilization by:

- Immersion techniques
- Surface wipes, hand soaps or detergents
- Surface spray
- Attachment bags that contain disinfectants

## **Limited Warranty**

DentalEZ® warrants the **StarDental® Attachments 1:1 AL, 1:1 AC, 16:1 AL, 1:5 Miniature Head AC, 1:5 Standard Head AC, 1:1 Straight Doriot and 1:1 Straight** for 24 months from the date of purchase\*.

Please note the following additional terms of our warranty policy:

- Warranties cover manufacturing defects only and do not cover defects resulting from abuse, improper handling, cleaning, care or maintenance, normal wear and tear or non-observance of operating, maintenance or installation instructions. **Failure to use authorized parts or an authorized repair facility voids this warranty.**
- **Liability is limited to repair or replacement of the defective product at our sole discretion. All other liabilities, in particular liability for damages, including, without limitation, consequential or incidental damages are excluded.**
- THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO EMPLOYEE, REPRESENTATIVE OR DEALER IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR TO GRANT ANY OTHER WARRANTY.

\*Provided conditions in warranty are met.

 To View Instruction Manual Go To [www.dentalez.com](http://www.dentalez.com) 

## **WARRANTY REGISTRATION**

PLEASE VISIT ONE OF THE WEBSITES BELOW TO REGISTER YOUR STARDENTAL PRODUCT. THIS WILL ENSURE PROPER REGISTRATION AND PROMPT AND ACCURATE SERVICE SHOULD ANY OF YOUR PURCHASES NEED EVALUATION OR REPAIR DURING THE WARRANTY PERIOD.

For Identafi® Oral Cancer Screening System products:  
[www.identafi.net/warranty](http://www.identafi.net/warranty)

For all Other StarDental® Products: [www.dentalez.com/warranty](http://www.dentalez.com/warranty)

## **Important Notice About Returning Product To The DentalEZ Inc.**

Anyone wishing to return any DentalEZ Inc. product to a DentalEZ facility MUST obtain the proper RETURN AUTHORIZATION NUMBER from the Customer Service Department. The RA Number must appear clearly marked on both the outside and inside of the returned product carton. When calling for a return authorization number you will be asked to provide the following information:

To Obtain A  
Return Authorization  
Number Call  
**1-866-DTE-INFO**

- Product Name, Model Number or Part Number
- Serial Number of Product
- Dealer Return Purchase Order Number
- Reason For Return
- Copy of Invoice Showing Purchase

Items will be evaluated. Return Authorization Number is not a guarantee for credit. Your cooperation with this procedure will help us expedite processing of any returns.



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