

Thank you for your purchase of the **LUMIgrip**. Den-Mat values your business and continually strives to support you with innovative products for your practice.

Use: The **LUMIgrip™** is an ergonomically designed, fully autoclavable, anodized aluminum hand-piece which maximizes available suction forces in order to securely, effortlessly, and delicately assist in the precise placement of “contact lens thin” **LUMINEERS®**.

Features: The **LUMIgrip** incorporates a sealed, autoclavable, ball bearing, 360° swivel into the hand-piece base to reduce tactile interference due to torsional resistance of the silicone tubing. We know that the **LUMIgrip** will greatly enhance safe transportation of **LUMINEERS** to the tooth and eliminate the stress of gripping and passing **LUMINEERS** by cotton pliers.

INSTRUCTIONS

Plug the distal end of the **LUMIgrip** into the high-vacuum ejector inlet.

Treatment and Placement of LUMINEERS will be greatly simplified by following one of the two techniques described below.

Technique 1: Imagine that the control wheel on the top of the **LUMIgrip** is a clock and that 12:00 is along the body of the tool between the control wheel and the suction tip. When the directional arrows on the control wheel are pointing to 12 o'clock and 6 o'clock, suction is full. By turning the control wheel towards either 3:00 or 9:00 (i.e., perpendicular to the body of the tool), suction is steadily decreased until the wheel reaches either 3:00 or 9:00 when suction is terminated.

Right-handed users

1. Seating Maxillary **LUMINEERS** - Pick up the **LUMINEERS** such that the gingival portion of the **LUMINEERS** is pointing to 9 o'clock.
2. Seating of Mandibular **LUMINEERS** - Pick up the **LUMINEERS** such that the gingival portion of the **LUMINEERS** is pointing to 3 o'clock.

Left-handed users

1. Seating of Maxillary **LUMINEERS** - Pick up the **LUMINEERS** such that the gingival portion of the **LUMINEERS** is pointing to 3 o'clock.
2. Seating of Mandibular **LUMINEERS** - Pick up the **LUMINEERS** such that the gingival portion of the **LUMINEERS** is pointing to 9 o'clock.

Treat the **LUMINEERS** for placement.

Following treatment, use of one of the above techniques will correctly orient the **LUMINEERS** to the tooth for precise placement.

Technique 2: The assistant should grasp the body of the **LUMIgrip** at its base when passing it to the Doctor so that the Doctor is able to assume a comfortable pen-like grip. In this manner, the index finger will lie passively and directly alongside the on/off disc. Upon placement of the **LUMINEERS**, a slight movement of the index finger against the control wheel will cut-off suction and disengage the **LUMINEERS**.

MAINTENANCE

Immediately following placement, have the assistant grasp the **LUMIgrip** firmly around the 360° swivel at the base of the hand-piece and pull off the vacuum line. Wipe down the **LUMIgrip**, discard the disposable suction cup, and clean the internal surface by rotating the on/off valve to the open position and inserting the slender bottlebrush (included) into the tubing connector end of the hand-piece and advancing it completely through the entire length of the hand-piece. Following this, wipe the cleaning brush down with a paper towel and bag the brush and **LUMIgrip** together for convenient autoclaving and subsequent re-use.

1. If removal of the control wheel is desired, turn the instrument over such that two thumbs can be placed on opposite sides of the undersurface and force may then be applied to pop the valve out. If ever needed, a cotton gauze can be placed on the disc (to prevent scratching) and pliers can be used to gently pull the valve out of the hand-piece for cleaning and lubrication of o-rings.
2. The hand-piece, tubing, and High-Vacuum Ejector (HVE) adaptor are fully autoclavable. The disposable suction cup should be discarded after each patient and reordered as needed.
3. Do not immerse the **LUMIgrip** in cold sterilizing solutions and do not soak or wipe hand-piece down with bleach as it is highly corrosive to aluminum.

ADDITIONAL RECOMMENDATIONS

1. Use of the high vacuum ejector adaptor and tubing (included) is recommended. This will make the narrower and more maneuverable saliva ejector available during placement. At this time, the mouth prop is in place which will impede and obstruct the space available for suctioning saliva with the larger diameter high evacuation ejector.
2. Following conditioning and drying of the **LUMINEERS**, **Cerinate Prime®** can be applied to the etched surface and the excess vacuumed off with a plastic micro-aspirator. The silanated **LUMINEERS** can then be deposited back into the **LUMINEERS** box with the labial side up, for easy pick-up later.
3. The **LUMIgrip** will assist with steady dispensing of **Ultra-Bond®** from the dual-barreled syringe. Careful attention should be paid to avoid voids or air bubbles, particularly in the incisal wrap area. Without touching the veneer, if the syringe tip is very slightly in contact with the cement deposited on the veneer, it can be used to push or “walk” the cement around the **LUMINEERS** edges to insure that the entire porcelain surface is completely covered.

REORDER

Replacement suction cups are available for reorder in packages of ten #030752110. Cleaning brushes as well as all accessories may also be purchased by contacting Den-Mat.

LIMITED WARRANTY

Den-Mat will replace, or refund the purchase price, of any of its products that are proven to be defective within 30 days of the purchase date. Replacement of defective goods, or refund of the purchase price, shall be the exclusive remedy for the user. Den-Mat will not be liable for any economic, incidental, or consequential loss or damage that arises out of the use of, or the inability to use its products.

This limited warranty is in lieu of all other warranties, expressed or implied, and shall be void if the product is improperly stored or used. There are no implied warranties of merchantability, fitness for a particular purpose, or otherwise. Before using this product, the user shall determine whether it is suitable for the intended use and the user shall assume all risk and liability associated therewith.

TELEPHONE INQUIRY SERVICE

Technical consultation is available by calling toll-free in the U.S.A. and Canada.

Ordering, inquiry, customer service, technical (800) 445-0345

Cerinate® Studios customer service (800) 872-8384

Domestic fax ordering and inquiry (805) 349-2600

International inquiry (805) 347-7990

International fax ordering and inquiry (805) 349-2607

Websites: www.lumineersdds.com

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