

OPERATION MANUAL

# THE GRINDER<sup>®</sup> AND THE GRINDER<sub>2</sub><sup>®</sup>



STATE-OF-THE ART BREAKTHROUGH TECHNOLOGY

TECHNIGLASS

Phone: 716.564.8888  
[www.techniglass.com](http://www.techniglass.com)

Dear Artist,

Congratulations on owning the first comprehensive glass grinder with worldwide voltage capabilities!

THE GRINDER® and THE GRINDER2®'s features and accessories have been compiled after thorough study of glass artists' needs. Thank you for purchasing the ultimate glass grinding machine which we hope will make your studio time the most pleasant experience.

Please take a few moments to read this manual and become acquainted with your GRINDER, to get the best performance from your machine. If you have any questions, please feel free to visit our website, [www.techniglass.com](http://www.techniglass.com) for more information.

Be sure to register your GRINDER to activate its warranty with the option to gain access to Techniglass Corporation company updates, promotions, and news! Go to [techniglass.com](http://techniglass.com) and tell us about your new GRINDER experience – any comments and feedback you may have – we would love to hear from you!

On behalf of our entire team, thank you for choosing Techniglass for all your glass grinding needs. Our designers and engineers are dedicated to creating the most advanced and innovative products, we are inspired by the ingenuity of all glass artists.

Here's to the instruments that help make inspiration a reality.

Cheers,

*Mike Hacikyan*

Mike Hacikyan  
President | Techniglass Corporation

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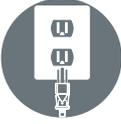
P.S. Find your serial number on the back of your machine. For quick reference and convenience write the number here: \_\_\_\_\_

If you experience any issues, don't hesitate to call us at 716.564.8888 or contact us at [info@techniglass.com](mailto:info@techniglass.com) so our team can assist you.

# SAFETY PRECAUTIONS



- Always use eye protection while operating this glass grinder



- Use only a properly grounded, three-prong outlet



- Water from reservoir must not reach electrical outlet



- Power off THE GRINDER® and THE GRINDER<sub>2</sub>® when not in use



- Before grinding, ensure the water reservoir is adequately filled



- Do not overfill the water reservoir



- Always install the orange shaft water seal on shaft when using upper platform

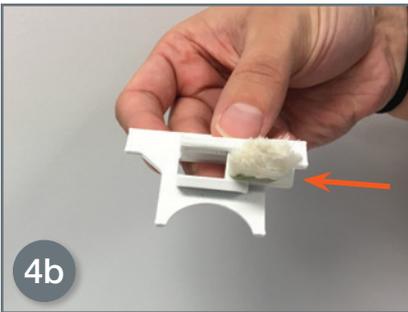
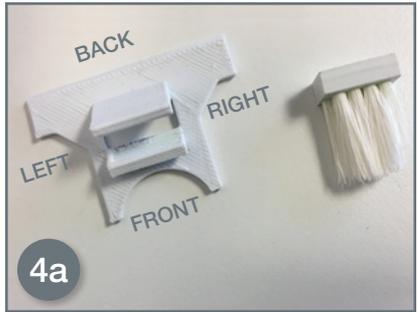
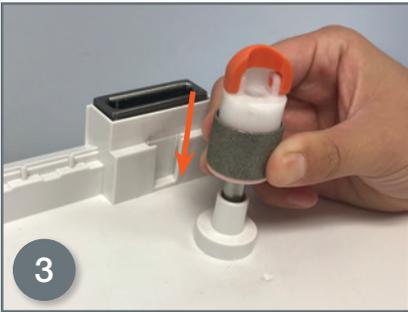
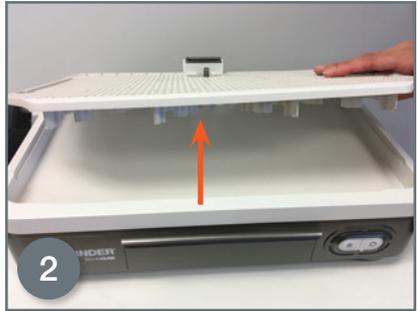


- When removing THE LUMISHIELD® Arm, always cover slot with THE LUMISHIELD Mount Cap

**NO FOOT  
PEDAL NEEDED**

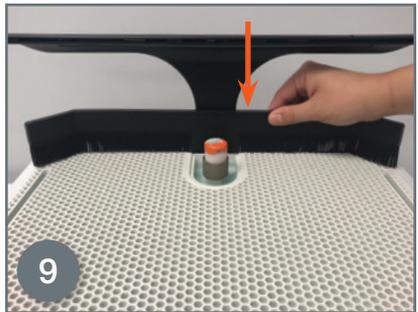
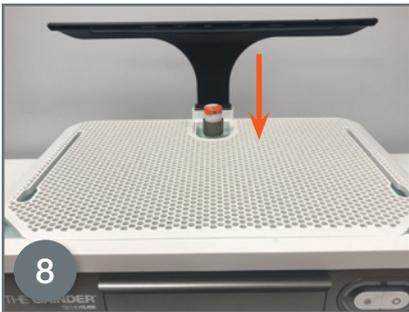
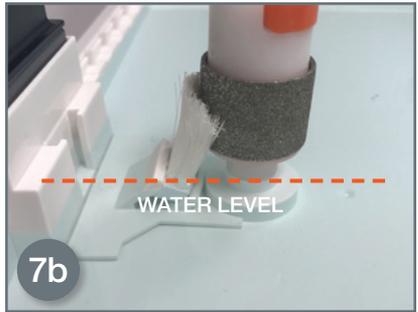
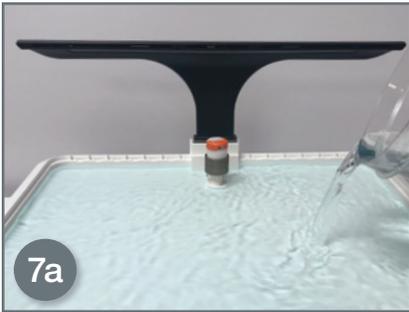
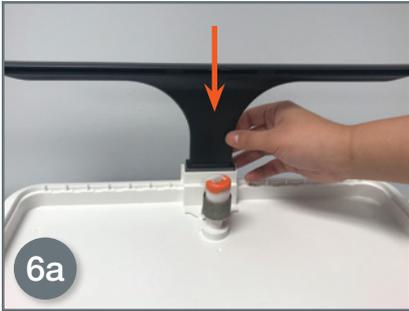
- Minimal noise
- Does not over heat
- Uses 24X less electricity

# ASSEMBLY FOR THE GRINDER®



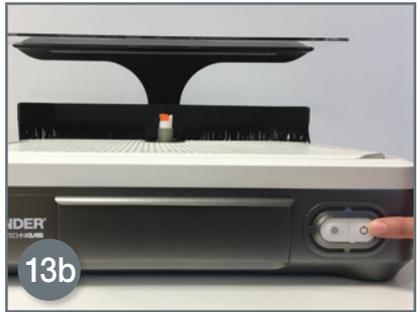
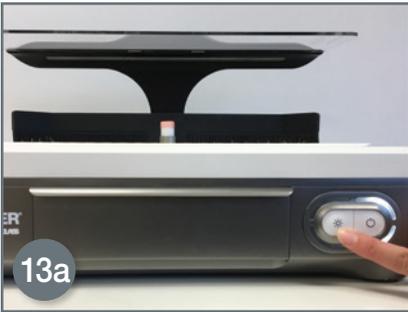
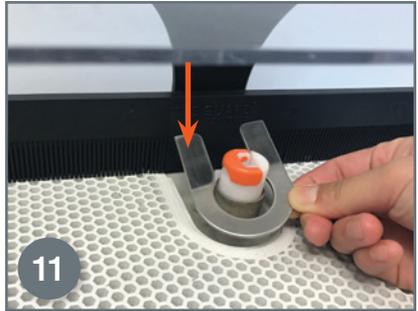
- 1 Insert the power cord into inlet
- 2 Remove the Lift Grid
- 3 Slide Quick Fit Bit® down shaft and lock into place
- 4a-c Install Aqua Flow System® and wet the brush bristles

# ASSEMBLY FOR THE GRINDER® CONTINUED



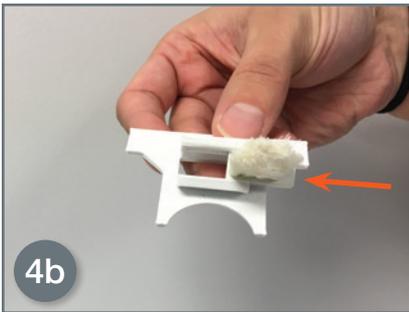
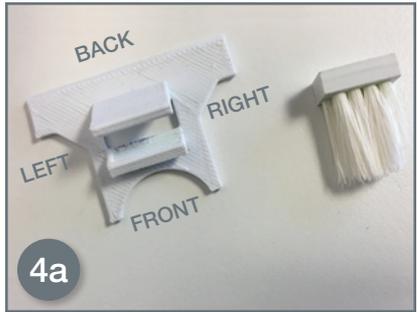
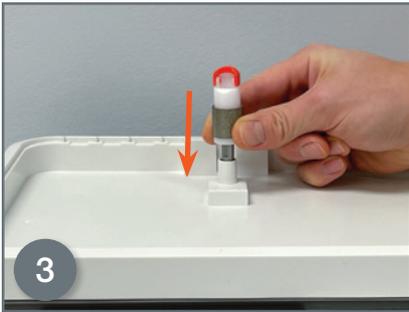
- 6 a-b Place THE LUMISHIELD® or LUMISHIELD Mount Cap into slot
- 7 a-b Add water until it reaches base of Aqua Flow System® brush
- 8 Position Lift Grid
- 9 Install the THE GUARD into slot

# ASSEMBLY FOR THE GRINDER® CONTINUED



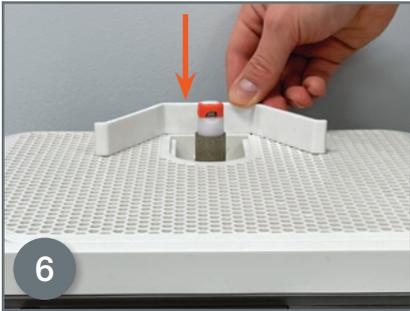
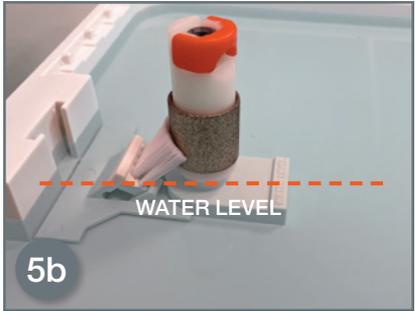
- 10 Slide transparent lens into channel
- 11 Insert Everwear Bit Guard
- 12 Plug power cord into grounded 3-prong socket
- 13 a-b Press Light /Power Switch

# ASSEMBLY FOR THE GRINDER<sub>2</sub><sup>®</sup>



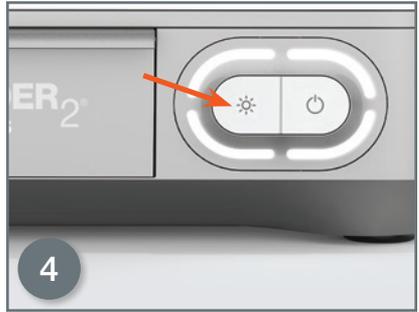
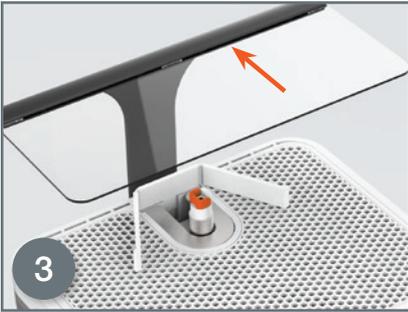
- 1 Insert the power cord into inlet
- 2 Remove the Lift Grid
- 3 Slide Quick Fit Bit<sup>®</sup> down shaft and lock into place
- 4a-c Install Aqua Flow System<sup>®</sup> and wet the brush bristles

# ASSEMBLY FOR THE GRINDER<sub>2</sub><sup>®</sup> CONTINUED



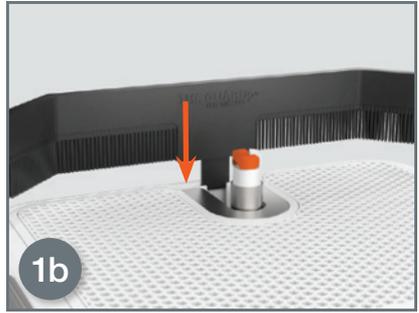
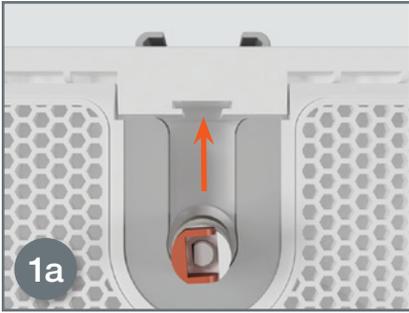
- 5 a-b Add water until it reaches water level mark in reservoir or base of Aqua Flow System<sup>®</sup> brush
- 6 Position The Lift Grid, and install The Guard into slot
- 7 Insert Everwear Bit Guard
- 8 Press Power Button on front to operate

# ASSEMBLY FOR THE GRINDER<sub>2</sub><sup>®</sup> OPTIONAL ACCESSORY – THE LUMISHIELD<sub>2</sub><sup>®</sup>



- 1 Insert THE LUMISHIELD<sub>2</sub> into slot
- 2 Connect the cable to the port on the back of THE GRINDER<sub>2</sub>
- 3 Slide transparent lens into channel, securing in-place
- 4 Press Light Button on front to operate

# ASSEMBLY FOR THE GRINDER<sub>2</sub><sup>®</sup> OPTIONAL ACCESSORY- THE GUARD<sub>2</sub><sup>®</sup>

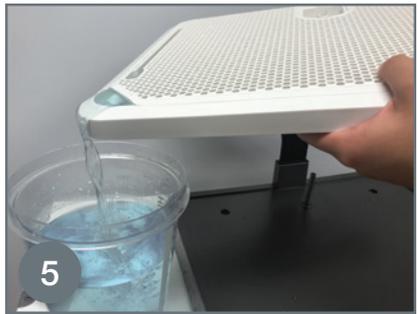
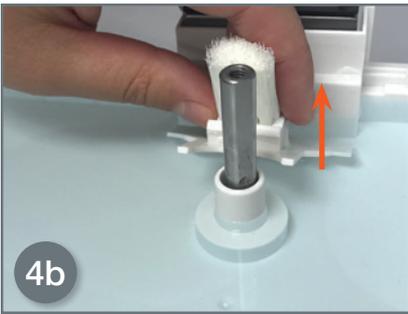
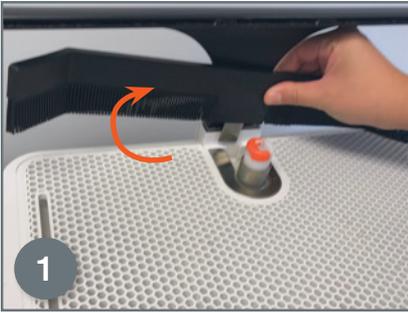


1 a-b Insert THE GUARD<sub>2</sub> into slot



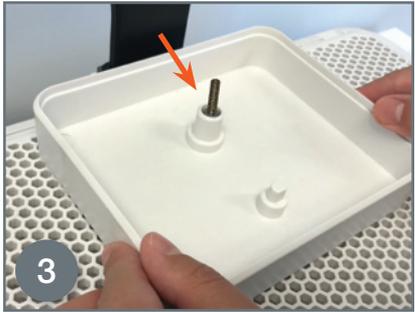
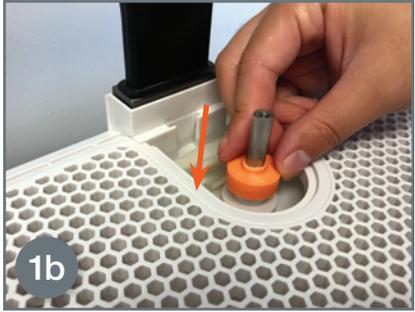
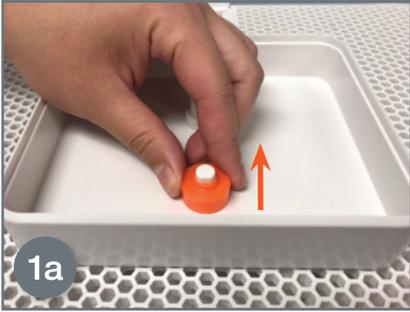
The LUMISHIELD<sub>2</sub><sup>®</sup> and THE GUARD<sub>2</sub><sup>®</sup> are sold separately, allowing THE GRINDER<sub>2</sub><sup>®</sup> to be completely customizable.

# PREPARING THE GRINDER® AND THE GRINDER<sub>2</sub>® FOR THE MINI G® PLATFORM



- 1 Remove THE GUARD®/THE GUARD<sub>2</sub>®
- 2 Remove Quick-Fit® Bit
- 3 Remove Everwear® Bit Guard
- 4 a-b Remove the Aqua Flow System®
- 5 Remove Water from the basin

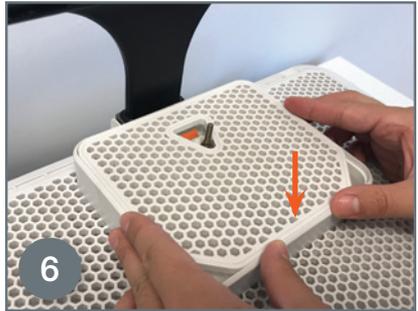
# THE MINI G® PLATFORM ASSEMBLY FOR THE GRINDER® AND THE GRINDER<sub>2</sub>®



- 1a-b Remove Shaft Water Seal included with THE MINI G and MINI G® Bit System and slide down shaft of Grinder
- 2 Screw 1/4" or 1/8" jewelry bit onto shaft
- 3 Align and install THE MINI G over shaft

*\*MINI G Bit System sold separately. Please contact your favorite retailer for purchase information.*

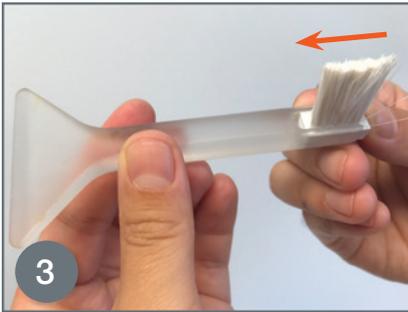
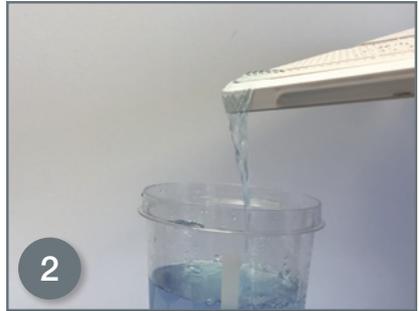
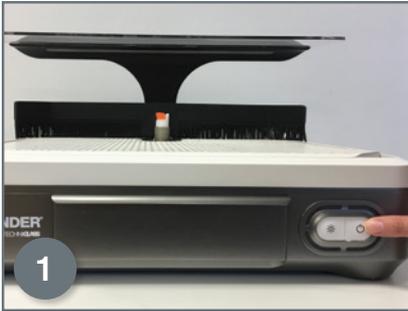
# THE MINI G® PLATFORM ASSEMBLY FOR THE GRINDER® AND THE GRINDER<sub>2</sub>® CONTINUED



- 4 Install Aqua Flow System® with orange base brush, wet the brush bristles and slide into holder
- 5a-b Add water until it reaches base of Aqua Flow System brush
- 6 Position Grid over THE MINI G and press into place

*Included with THE MINI G is an orange base brush insert for the Aqua Flow System. This orange brush should ONLY be used for THE MINI G upper platform. Use of the orange brush on the LOWER platform will result in void of warranty.*

# MAINTENANCE



- 1 Power OFF **THE GRINDER®** or **THE GRINDER<sub>2</sub>®**
- 2 Drain water from reservoir
- 3 If using **THE GRINDER**, install brush on scraper
- 4 Clean (scrape) excess debris from reservoir surface
- 5 Clean surface with soap and water to remove additional debris
- 6 Clean eye shield with soft cloth

## SERIAL NUMBER WARRANTY REGISTRATION

Be sure to register **THE GRINDER®** or **THE GRINDER<sub>2</sub>®** serial number with Techniglass Corporation within 90 days of purchase to ensure warranty validity.

Visit [www.techniglass.com/grinder/registration/](http://www.techniglass.com/grinder/registration/) to register your Grinder.

Registering your purchase links your product to your account for proof of ownership, warranty service and recall notifications.

If you wish to receive information on products, promotions, and contests make sure you join our mailing list!

THE **GRINDER**<sup>®</sup>  
THE **GRINDER**<sub>2</sub><sup>®</sup>



GR.M1.0121.R2

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**TECHNIGLASS**