

## OPERATION MANUAL

# THE GRINDER<sup>®</sup>

STATE-OF-THE ART BREAKTHROUGH TECHNOLOGY



TECHNIGLASS

Phone: 716.525.1001  
[www.techniglass.com](http://www.techniglass.com)

*Dear Artist,*

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

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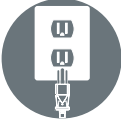
P.S. Find your serial number on the back of your machine. For quick reference and convenience write the number here: \_\_\_\_\_

If you experience any issues, don't hesitate to call us at 716-525-1001 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 when not in use



- Before grinding, ensure the water reservoir is adequately filled



- Do not overfill the water reservoir

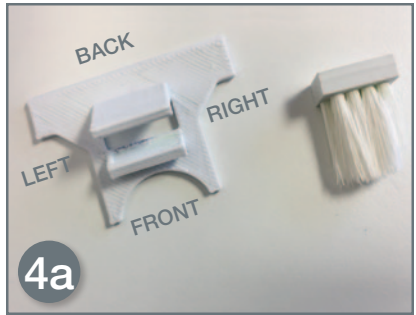
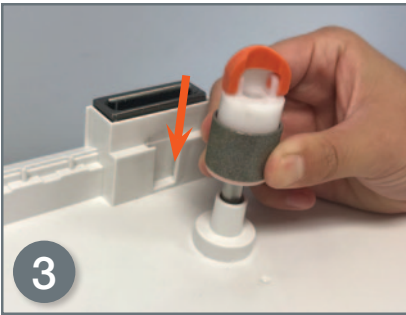
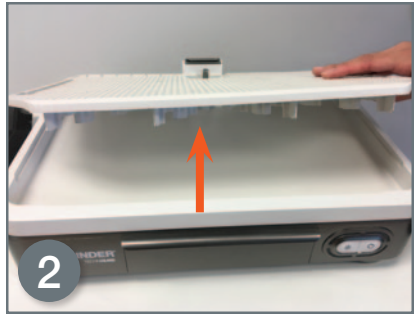


- Always install Water Shaft Seal on shaft when using upper platform



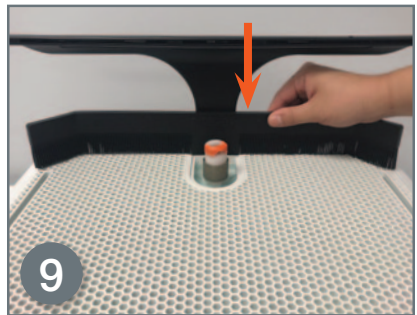
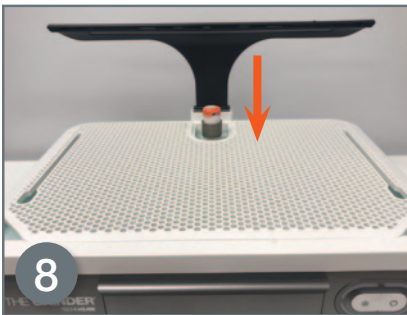
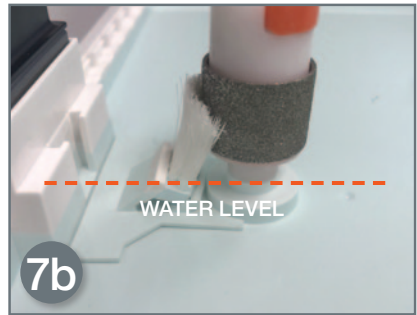
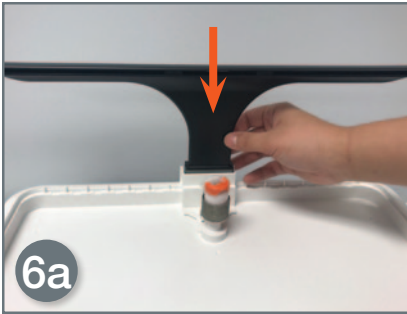
- When removing LumiShield® Arm, always cover slot with LumiShield Mount Cap

# ASSEMBLY



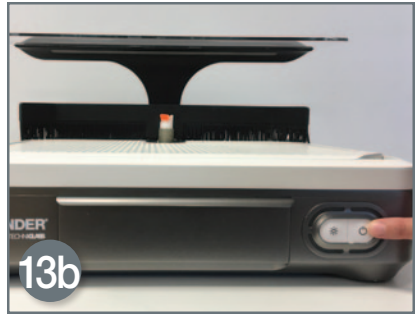
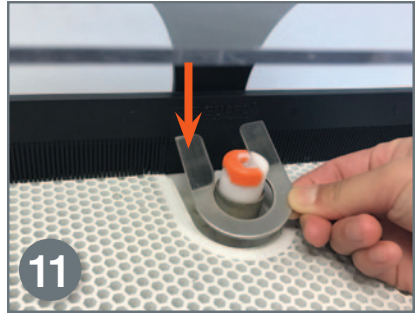
- 1 Insert the power cord into inlet
- 2 Remove the Lift Grid
- 3 Slide Quick Fit Bit<sup>®</sup> down shaft and lock into place
- 4a-c Install Aqua Flow System<sup>®</sup>
- 5 Wet the brush bristles

# ASSEMBLY CONTINUED



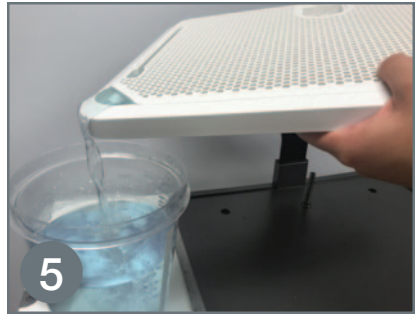
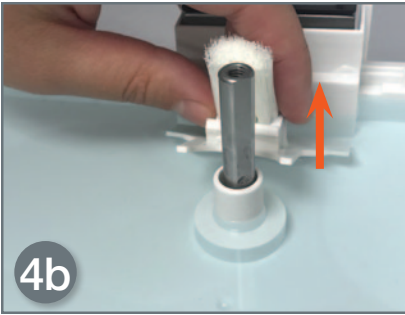
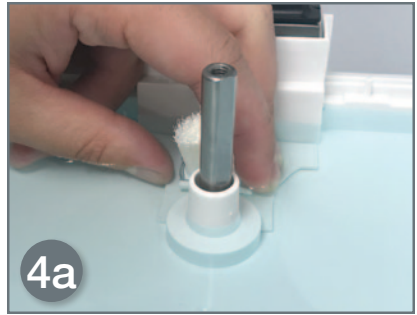
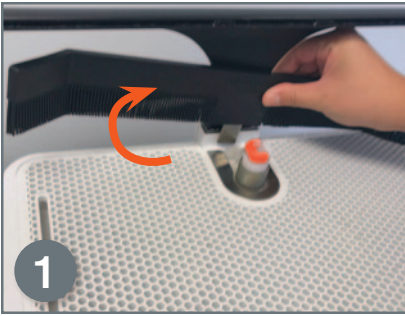
- 6 a-b Place Lumishield® or Lumishield Mount Cap into slot
- 7 a-b Add water until it reaches base of Aqua Flow System® brush
- 8 Position Lift Grid
- 9 Install the Guard into slot

## ASSEMBLY CONTINUED



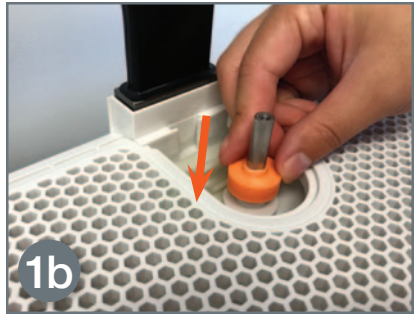
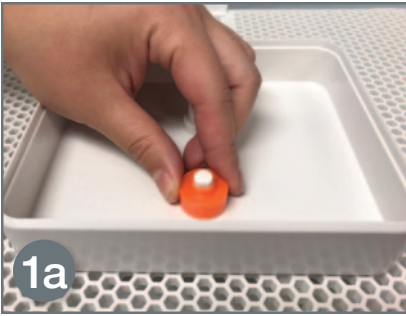
- 10 Slide transparent lens into channel
- 11 Insert Everwear Bit Guard
- 12 Plug power cord into grounded 3-prong socket
- 13 a-b Press Light /Power Switch

## PREPARING THE GRINDER FOR THE MINI G® PLATFORM



- 1 Remove The Guard®
- 2 Remove Quick-Fit® Bit
- 3 Remove Everwear Bit Guard
- 4 a-b Remove the Aqua Flow System®
- 5 Remove Water from the basin

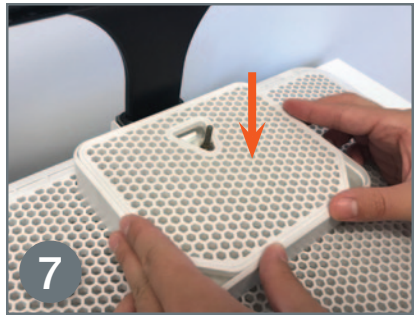
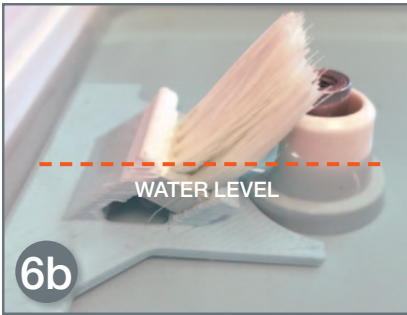
## MINI G® PLATFORM ASSEMBLY



- 1a-b Install Shaft Water Seal on shaft of LOWER platform
- 2 Align and install UPPER platform over shaft
- 3 Install Aqua Flow System®
- 4 Wet the brush bristles

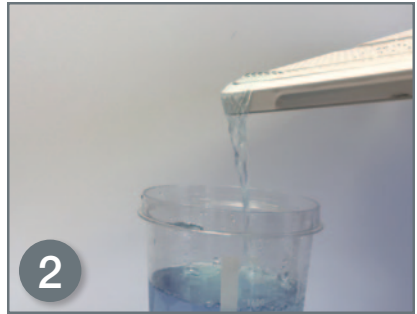
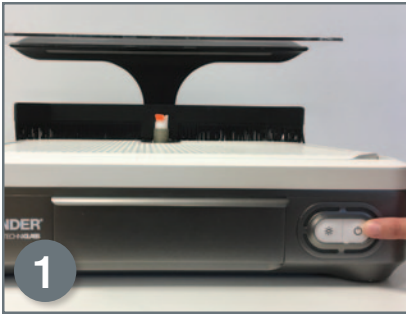


## MINI G® PLATFORM ASSEMBLY CONTINUED



- 5 Install 1/4" or 1/8" jewelry bit
- 6a-b Add water until it reaches base of Aqua Flow System brush
- 7 Position Lift Grid over UPPER platform

# MAINTENANCE



- 1 Power OFF the Grinder
- 2 Drain water from reservoir
- 3 Install brush on scraper
- 4 Scrape excess debris from reservoir surface
- 5 Brush 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 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 check the box at the bottom to opt-in!

# THE GRINDER®



GR.M1.1018.R1

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