

MJQ01

TUNGSTEN ELECTRODE SHARPENER GRINDER



OPERATOR'S MANUAL

YESWELDER®

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TABLE OF CONTENTS

SAFETY	01
SPECIFICATION	01 - 02
PACKAGE INCLUDES	01
TECHNICAL SPECIFICATION	02
OPERATION	03 - 05
DISASSEMBLY DIAGRAM	03
USAGE STEPS	04
RECOMMENDED SPEED LEVEL FOR DIFFERENT SIZES	05
MAINTENANCE	05 - 07
PRECAUTIONS FOR ROUTINE MAINTENANCE AND STORAGE	05
DIAMOND WHEEL	05
CARBON BRUSH	06

THANK YOU FOR SELECTING A QUALITY PRODUCT BY YESWELDER.
PLEASE EXAMINE THE PACKING BOX AND EQUIPMENT FOR DAMAGE
IMMEDIATELY.

SAFETY

WARNING

1. Machine operators should read the instructions carefully and familiarize themselves with the machine before use.
2. The machine operator should keep in mind the position of the machine's power switch.
3. If there is smoke, peculiar smell, abnormal noise, or other conditions, during the operation of the machine, cut off the power immediately.
4. Before starting the power supply, be sure to check whether the installation of the grinding disc is tight, and then turn on the power after confirming that the installation of the friction disc is tight.
5. Please use the dust cover during work.
6. It is forbidden to put hands in the grinding area during work.
7. Be sure to turn off the power of the host when cleaning the debris.

SPECIFICATION

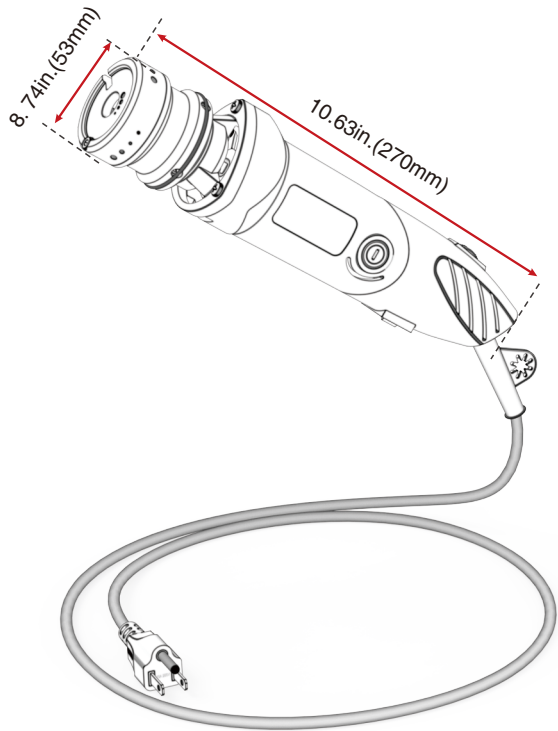
PACKAGE INCLUDES



- ① Electric Grinder
- ② Storage Box
- ③ Hexagon Screwdriver
- ④ Acrylic Dust Cover
- ⑤ Carbon Brush

TECHNICAL SPECIFICATION

Model	MJQ01
Power	450W
Voltage	110V
Size	.040", 1/16", 3/32", 1/8"
Angle	15°/ 22.5°/ 30°
Rotate Speed	Six-Speed Adjustable Level 1: 15000 r/min Level 2: 16000 r/min Level 3: 19000 r/min Level 4: 20500 r/min Level 5: 22500 r/min Level 6: 24000 r/min
Diamond wheel Size	Φ34×Φ5×2.3 (mm)
Power Cord Length	53 x 270mm/8.74x10.63in.
Weight	1.008kg/2.22lbs



OPERATION

DISASSEMBLY DIAGRAM



USAGE STEPS

STEP 1: INSTALL DUST COVER

- **WHY:** The use of dust cover can concentrate on processing the tungsten power produced by grinding, avoid trouble, and is also conducive to health.
- **HOW:** Place the dust cover over the grinder and press down so that it gets caught in the rubber band. Then rotate to the corresponding hole position according to your needs.



NOTE: If the dust cover is too tight to push, You could apply some oil (Whatever engine oil, grease or dishwashing liquid) on the O-ring so the cover will be easy to install.

STEP 2: CUT OFF PART

- The new tungsten electrode does not need to be cut.
- The used tungsten electrode needs to be cut off if it is pilling and cannot be inserted into the corresponding hole of the machine.



STEP 3: JUST SHARPEN IT

Select the Angle you want and then place the tungsten into the hole of the desired size.



STEP 4: GRIND THE TIP

- The tip of a small diameter tungsten electrode does not need to be ground.
- When the diameter of your tungsten electrode is large, or you feel that tip is better to flat a little, you can grind a little.



RECOMMENDED SPEED LEVEL FOR DIFFERENT SIZES

Size	Recommend Level
.040"	Level 3-4
1/16"	Level 3-4
3/32"	Level 5-6
1/8"	Level 5-6

MAINTENANCE

PRECAUTIONS FOR ROUTINE MAINTENANCE AND STORAGE

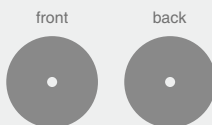
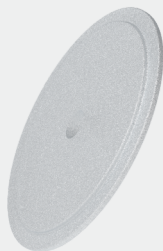
1. Clean the wear debris in time after the equipment is used to keep the equipment clean.
2. Add lubricating oil to the rotating part of the rotating body in time to ensure smooth rotation.
3. It is forbidden to use in corrosive gas or smoky environment.
4. Please use a stable power supply.
5. Ensure that the power cord is intact and undamaged to avoid fire or electric shock.
6. Please cut off the power supply during maintenance. Do not wipe the product with a damp cloth or light oil, solvent, alcohol, or other, to avoid discoloration or deformation. When the product is very dirty, you can use a cloth to soak it in a diluted neutral detergent, then wring it out to wipe the product to remove the dirt, and then use a soft dry cloth to wipe the product dry.
7. Please check the carbon brush regularly to avoid serious wear of the carbon brush, resulting in damage to the machine parts during use.

DIAMOND WHEEL

1) How to judge if your diamond wheel needs to be replaced?

When the surface of the diamond wheel becomes smooth (that is, the sand on the diamond wheel is used up), it means that you need to replace it.

NOTE: Both sides of the diamond wheel can be used, so when you are done with one side, you can use the other side instead of replacing it.



DOUBLE-SIDED AVAILABLE

2) How to change the Diamond wheel?

STEP1 Remove the dust cover.

STEP2 Using the provided hex screwdriver, remove the screws from the angle controller.

STEP3 Using the provided hex screwdriver, remove the screws from the angle controller.

STEP4 Then turn the wheel, find the hole in the shaft of the wheel, insert the metal rod or tungsten electrode into it to jam the hole. Then remove the wheel piece. Installation is the opposite.



CARBON BRUSH

1) How to judge if your carbon brush needs to be replaced?

When the carbon brush wears to the point where the friction surface is close to the spring, it needs to be replaced. So we recommend that you check regularly. If you forget to check regularly, it will be necessary to replace it when an arc or spark occurs during use.

NOTE: There are already two carbon brushes inside the machine itself. In addition, there are two spare carbon brushes in the box.



2) How to change the carbon brush?

Remove using a flat-head screwdriver. Then install it back.



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