

TUNGSTEN ELECTRODE BENCH GRINDER (Pg.1)



Providing the High efficiency and precision machining of welding electrodes ideal solution

Mainly used in the terminal sharpening of tungsten bars, tungsten electrodes, tungsten needle and welding pin.

Advantages :

1. Portable and Smart flexible
2. Suitable for any grinding angle
3. Suitable for any electrode diameter
4. Meet the ergonomics design
5. Unique fixture design, Holding steady
6. Work life is long
7. Low cost, high output, energy saving and consumption reducing, lower noise

Technical parameters

The size: 230 x 160 x 180 (mm)
Net Weight: 4kg
The diameter of grind segment: 90mm
Rotational speed: 5000r/min
Arbeitstempo : 2 pcs/min
The diameter of Grinding tungsten needle: 1.6-5.0mm
Minimum length: 40mm
Adjusting range of Grinding Angle: 0°~ 60°
The power supply: 220V
Power: 60W
Colour : Orange

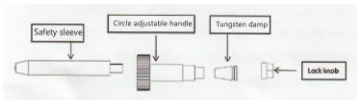
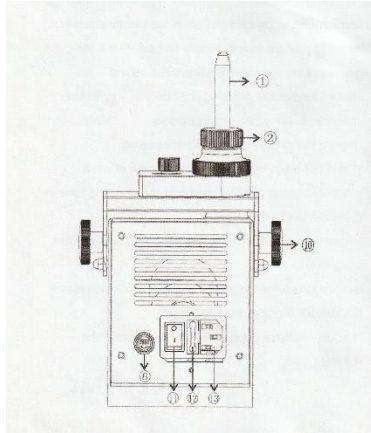
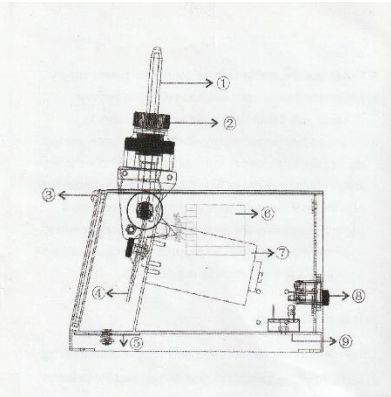
Safety instructions

1. The Operator should accept machine operation training;
2. Remember the switch position of the machine power;
3. Please cut off the power supply immediately if the machine runs appeared smoke, odor, sound;
4. Check whether the grinding is installed firmly Before start the power supply, open power supply After confirm the grinding installation fastening;
5. Please use the cover plate in the process of work;
6. It is forbidden to put the hand into the grinding zone in the process of work;
7. Be sure to close the host power supply when clean the wear debris;
8. Be sure to use the tungsten needle clamp which match the specifications of tungsten;
9. Non-professional personnel shall not remove the machine body.

To prepare starting up

1. Check whether the grinding is installed firmly, if not, Please use the tool to tighten;
2. Check whether the grinding disc is badly worn, Judge Whether can continue to use, if not, Please change in time;
3. Check whether the rotation is normal;
4. Check if adjustment block move normally;
5. Check whether the tungsten needle holder is suitable to be available;
6. Check if the cover plate is available;
7. Turn on the circuit, Determine if the main engine can be normally open or shut down;
8. Prepare for emergency protection;

TUNGSTEN ELECTRODE BENCH GRINDER (Pg.2)



- 1 Safety Sleeve
- 2 Adjustable Screw
- 3 Dust Cover Plate
- 4 Grinding Wheel
- 5 Moveable Cover Plate
- 6 Rotation Angle Dial
- 7 DC Motor
- 8 Insurance Socket
- 9 Rectifier Bridge
- 10 Knob
- 11 Switch
- 12 Fuse
- 13 Power Outlet

Attention for maintenance and safety

1. After the equipment using timely cleaning the wear debris, Keep the equipment clean;
2. Turning body parts in a timely manner to add lubricant, ensure the smooth rotation;
3. Ban is used in the environment of corrosive gas or smoke;
4. Please use the stable voltage source for power supply;
5. Ensure the power cord in good condition without damage, else cause fire or get an electric shock;
6. Please cut off power supply when maintenance, please do not use wet cloth or light oil, solvent, alcohol to wipe the product, Lest cause fade or deformation. Under the condition of the product is very dirty, you can use a piece of cloth into the neutral detergent liquid dilution, Then twist dry, to wipe the product, To remove dirt, and then with a soft dry cloth to dry products.

GR-TEL PARTS



PART NO	DESCRIPTION
14 GR-TEL-MTR	Motor
15 GR-TEL-FH	Fuse Holder
21 GR-TEL-C32	Chuck 3.2mm
16 GR-TEL-C40	Chuck 4.0mm
17 GR-TEL-C50	Chuck 5.0mm
18 GR-TEL-FP	Fuse Pin
19 GR-TEL-DC	Grinding Disc
20 GR-TEL-CB	Carbon Brush
22 GR-TEL-CCP	Cap for the Chuck

Operating Instructions

1. Turn the rotating body, refer to the angle pointer to indicate the position, adjust the grinding angle according to the desired sharpening effect, tighten the fixed knob on both sides ;
2. Adjust the extension length of the tungsten electrode (the locking knob is on the rotor and the tungsten tip is between the two lines of the longitudinal position adjustment block ;
3. Turn the upper and lower adjustable handle to the highest point ;
4. Insert the electrode into the grinding machine to start grinding, the left hand for up and down adjustable handle to adjust the grinding tip length, right hand for rotation Adjustable handle to adjust tip position ;
5. Observe the degree of grinding, when achieving the effect, remove tungsten electrode ;
6. Turn off the power after grinding, remove the tungsten electrode clamp device, turn the locking knob, remove the tungsten electrode clamp and the electrode, placed the finished tungsten well ;
7. According to the actual processing to open the protective plate, remove the debris storage box, cleaning debris, this step must be done under the power off state.