

AIXIN MEDICAL

USER MANUAL

AX-J1

*Dental Cutting and
Polishing Lathe*

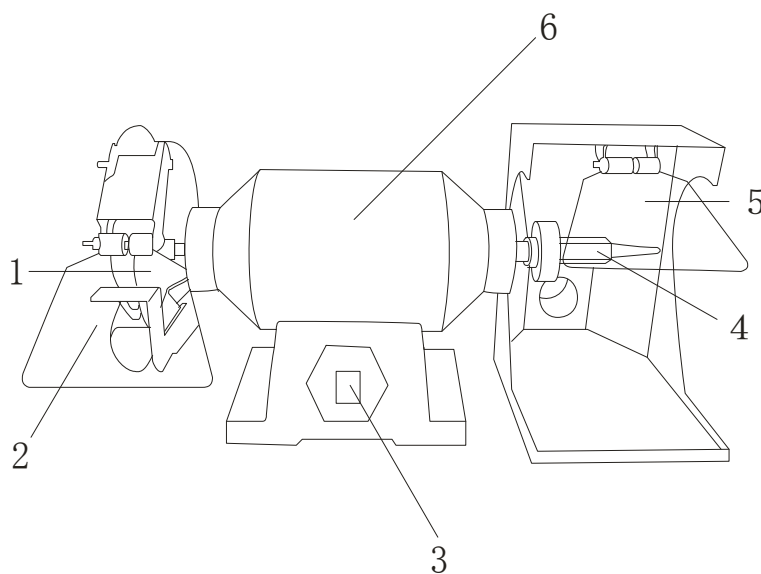
Description:

The AX-J1 Dental Polishing and Cutting Lathe is used for cutting primary and secondary grooves on castings, it can also be used to polish castings mechanically. The advantages are: low noise, high rotational speed, long cutting moment arm, and easy operations. It has a protective device which ensures the safety of the users. This machine has passed the inspections of China Certification Center of Machinery Safety (CCMS).

Specifications:

Power supply voltage	AC 220V / 110V 50HZ / 60HZ $\pm 10\%$
Power	250W
Rotational speed	3000rpm
Dimensions	$50 \times 20 \times 25\text{cm}^3$

Diagram:



1. Abrasive disc
2. Protective glass
3. Power switch
4. Buffing wheel
5. Protective glass
6. Motor

Instructions:

1. Open the package, check if all the accessories are inside. Read this manual carefully before using.
2. Check if the components are loose, in cases please tighten or fix them. Check the abrasive disc carefully for cracks, users can examine it by knocking gently with a wooden hammer, a crisp sound indicates it is normal.
3. Before using, rotate the abrasive disc and buffing wheel manually, there should be no friction. If there is friction please check the problem and fix it before using.
4. The machine is equipped with two pieces of protective acrylic glasses, it is installed on the protective cover after joining with the adjustable protective board, the angle can be adjusted to protect users from dust.
5. There is no fixing hole on the base, fix it with screws if necessary.
6. The machine is ready to work after the power supply switch. turned on.

Cautions:

1. While cutting models with abrasive discs, please put on the protective glass; while polishing with the buffing wheels, please put on the dust shield.
2. After working continuously for 30 minutes, the machine should be switched off to cool off, or the motor may be damaged.
3. While cutting, the user should stand on the left of the abrasive disc, keep main body part away from the circumference of the abrasive disc.
4. While cutting, hold the plaster casting with both hands, cut it in a slow and smooth motion.
5. Please check if there is any leak in the abrasive disc, do not use discs with leaks.
6. While installing a new disc, please put in the soft paper between the disc and the abrasive disc/buffing wheel properly, make sure the clamping disc is balanced with no obvious shaking and vibrating. Tighten the nut of the abrasive disc, do not make it too tight to avoid breaking of the disc. Adjust the nut so that the disc is not loose. After replacing the disc close the cover properly and tighten the screws on the edge of the case.

Accessories:

Manual	1
Power cord	1