

AIXIN MEDICAL

USER MANUAL

AX-88 Laser Pin

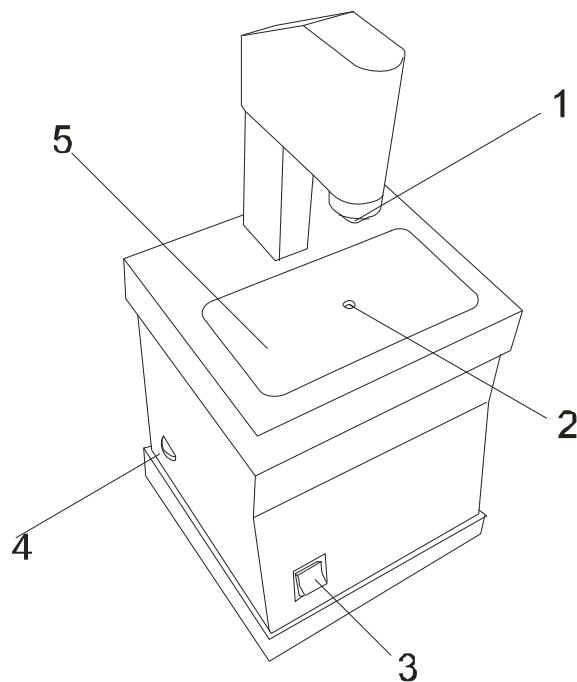
Description:

The AX-88 Laser Pin is used for the preparation of porcelain teeth, it is used mainly in the processing plaster molds and plaster nails. It has the advantages of high rotational speed, low noise, high precision and easy operation. This machine has a laser positioning system, the working platform and the main axis match precisely which ensure the quality of drilling. The depth of drilling can be adjusted by a rotary switch, the minimum adjusting depth is 0.15mm.

Specifications:

Power supply voltage	AC 220V / 110V 50HZ / 60HZ $\pm 10\%$
Power	150W
Rotational speed	2800rpm
Drilling depth	0-12mm (adjusting range)
Dimensions	18 \times 18 \times 39 (cm)

Diagram:



1. Laser lens
2. Drill bit
3. Power switch
4. Rotary switch for adjusting platform height
5. Working platform

Instructions:

1. Unpack the packages, check if all the accessories are in the package, read the manual carefully before using.
2. Connect the machine to a power supply socket (a power cord is included in the package), the indicator light should be on. Turn on the switch, the drill starts working and a laser beam comes out.
3. Adjust the height of the platform by making the top angle level with the top of the platform while it is pressed down. Then, adjust the depth of drilling by turning the rotary switch (adjust it downwards), the platform rises if it is turned clockwise, descends if turned anticlockwise.
4. While drilling, put the mold on the platform, point the laser beam to the place where drilling is required, hold the platform and the mold with both hands, make sure the mold is firmly placed on the platform. To start drilling, press down the mold and the platform slowly and smoothly.

Cautions:

1. Since this machine is a precise instrument, it should be kept from dirt and moist, and avoid knocking the machine while carrying. Do not carry by the frame of the laser positioning device, lift the machine by the base with two hands, and put it down gently.
2. After aiming with the laser, the mold and the platform must be hold firmly with both hands until drilling is finished. The mold must be placed firmly on the platform to keep a constant diameter of the hole.
3. While adjusting the platform or while drilling, do not put your hands under the laser beam area.
4. Do not remove the drill case of the main axis to avoid shifting which will affect the precision of the instrument.
5. Do not dismantle the machine.
6. Clean the plaster pieces in time with a clean cloth, otherwise it will affect the flatness and smoothness of the platform.
7. This machine has an over-heat protection device, the power will shut down automatically if the motor is too hot. In such cases, turn off the power supply, and restart it after 15 minutes.

Accessories:

Manual	1
Power cord	1
Drill bit	1
Fuse tube (2.5A)	1