



JT-16 User Guide



I. Introduction

This machine is a special precise equipment for odontology, using a laser to guarantee the hole's accuracy. This machine uses hardened alloy drill bits, the depth of the drilled holes can be adjusted.

II. Technical data

Electrical power: 110V/60HZ, 80W (220V/50HZ, 80W)

Rotation speed: 5500rpm

Drill bit diameter: $\Phi 3 \times \Phi 1.85$ 、 $\Phi 3 \times \Phi 1.95$

Total machine dimensions: 160*160*330mm

III. How to use

Connect to 110VAC(220VAC) and switch on power. The indicator light will light up. At the same time, the red laser will be on ($\Phi 1 \sim \Phi 1.5$). Adjust the drilling depth to your needs and put your plaster model inside the machine. Then you can drill and machining.

Special notice before and during the drilling process, the plaster model should be fixed by hands until the drilling process is finished. Otherwise the drill bit may break or the hole may not be drilled exactly.

IV. How to exchange the laser head

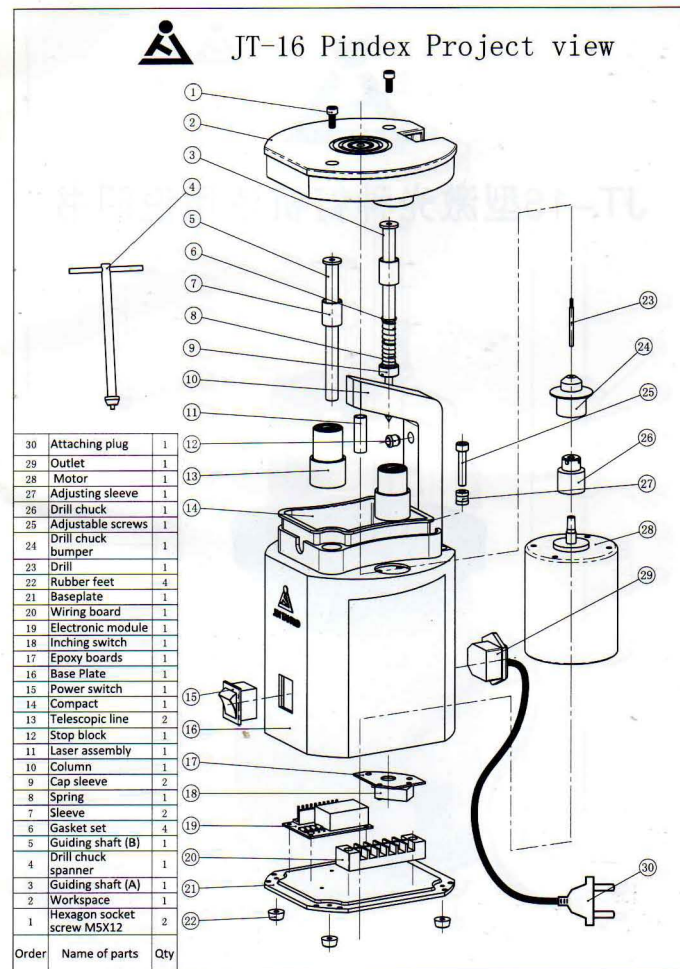
Disconnect the power and open the bottom cover, untight the laser head and take it out. You need to cut the connection wires (red and white), but make sure that the white wire is 20mm shorter than the red one. Slide heat shrink tube to the wires of the new laser head and solder it to the connection wires of the machine (red to red and white to white). Then slide the heat shrink tube over the solder connection and heat it up for isolation. Push the wires back into the machine and put the laser head back into position, then fix it with screws.

After this you may adjust the position of the laser. To do so, switch on the power and check the position of the laser spot. To adjust its position, loose the four screws that fix the worktable(just loose, do not take out) and move the table until the position fits again. After adjustment, tighten the four screws again.

V. How to exchange the drill bit

Disconnect the power and put down the latex chalk box.

You will need two spanners, one to fix the axis and one to unscrew the drill head. Loose the head and exchange the drill bit (make sure to insert it deep enough into the head). Then fix the drill bit again, using the two spanners.





JT-16型激光种钉机使用说明书



一.简介:

本机是齿科专用精密设备,采用激光定位,保证种钉孔位精确。本机采用硬质合金台阶钻头,且钻孔深度可调节。

二.性能指标:

电源: 220V/ 50Hz, 80W (110V/ 60Hz, 80W)

转速: 5500 转/分

钻头直径: $\phi 3^* \phi 1.85$ 、 $\phi 3^* \phi 1.95$ 外形尺寸:
160*160*330mm

三.产品使用:

插上有良好接地的交流 220V 电源,合上电源开关电源指示灯亮,同时红色激光圆点发亮 ($\phi 1 \sim \phi 1.5$)。只要调整所需钻孔深浅,放上石膏模型即可进行钻孔加工。**特别注意:**当石膏模型放上工作台激光找准孔位后,一定要双手将石膏模型与工作台一起抓紧,同时往下按,直到钻孔完毕,再一起升上复位。**中途切不可松手**,否则易将钻头折断或孔位不准且偏大。

四.如何更换激光头:

拔掉电源插头,打开底盖;拧松激光头销紧螺丝,将激光头拉出,小心不要将后面的电线拉断(另一手在里面送线);

剪断连接在激光头后面的电线，电线为红、白两色，白色线比红色线剪短 20mm，分别套入热缩管与新的激光头红白两根线配色焊接，然后加热热缩管（电吹风或明火均可）使之收缩包紧即可；前面送线，后面拉线，将激光头垂直推入孔内，拧紧销紧螺丝；通电对光，如有细微偏差，可将工作台板拆下，再将四只电机固定螺丝松开（不要拧掉），调整中心后再将螺丝分别拧紧即可。

五. 如何更换钻头：

关闭电源，取下橡胶粉盒。用高的扳手卡住主轴根部扁口，低的扳手卡住夹头外壳扁口，拧松螺纹即可更换钻头，校对深浅后用两把扳手拧紧即可。

 JT-16 种钉机分解图

