JT-16 User Guide



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I. Introduction

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

II. Technical data

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

Rotation speed:5500rpm

Drill bit diameter:Φ3*Φ1.85、Φ3*Φ1.95

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 (Φ1～Φ1.5).Adjust the drilling depth to your needs and put your plaster model inside the machine. Then you can drill and machining.

pecial noticebefore and during the drilling process, the plaster model should be fixed by hands until the drilling process is finished. Otherwise the drill bit may dreak or the hole may not be drilled exactly.

IV. How to exchange the laser head

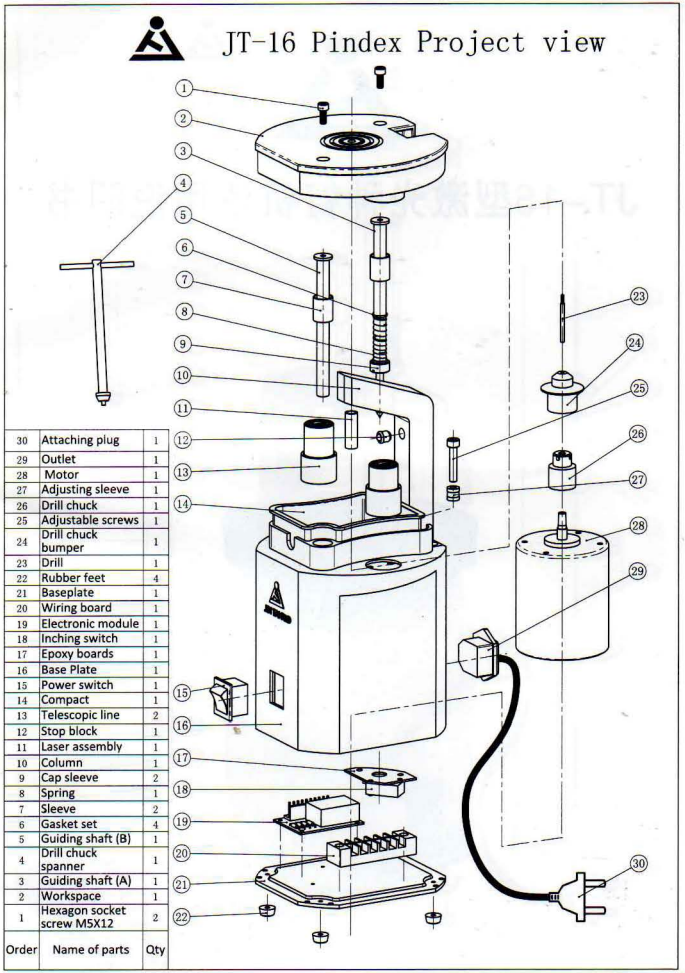
Disconnect the power and open the bottom cover, untight the laser head and take it out. You need to cut the connection wires (red and white), but make sure that the white wire is 20mm shorter than the red one. Slide heat shrink tabe to the wires of the new laser head and solder it to the connection wires 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 positon, 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 positon 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 sorews again.

V . How to exchage the drill bit

Disconnect the power and put down the latex chaik box.

You will need two spanners, one to fix the axis and one to unsecrew 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.



Order	Name of parts	Qty
30	Attaching plug	1
29	Outlet	1
28	Motor	1
27	Adjusting sleeve	1
26	Drill chuck	1
25	Adjustable screws	1
24	Drill chuck bumper	1
23	Drill	1
22	Rubber feet	4
21	Baseplate	1
20	Wiring board	1
19	Electronic module	1
18	Inching switch	1
17	Epoxy boards	1
16	Base Plate	1
15	Power switch	1
14	Compact	1
13	Telescopic line	2
12	Stop block	1
11	Laser assembly	1
10	Column	1
9	Cap sleeve	2
8	Spring	1
7	Sleeve	2
6	Gasket set	4
5	Guiding shaft (B)	1
4	Drill chuck spanner	1
3	Guiding shaft (A)	1
2	Workspace	1
1	Hexagon socket screw M5X12	2