

四角加压调速光纤研磨机

型号 RBTX-550ST

产品使用说明书



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第一章 实际问题,依照说明书不能解决的请联系本公司售后服务人员.

注意事项

- 1, 使用中不要远离机器,防止水分渗入,损坏机器
- 2, 不要使研磨机遭受不适当的振动及不必要的撞击
- 3, 不要用湿手触摸操作按钮或开关
- 4, 应保证研磨机电源使用正确的电压及频率

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- 5, 使用中不要触摸旋转的部件
 - 6, 拆装研磨底盘或其他部件时, 应确保切断电源

一, 产品简介

1. 可以同时进行 24 头研磨, 非常适用于批量生产
2. 研磨程序采用数显屏显示, 可同时显示研磨机时间及研磨次数, 使工艺品质更易于控制
3. 研磨夹具采用四角加压, 由弹性垫的压入量决定研磨压力, 操作简单, 产品加工精度高且一致性好。
4. 可生产符合 IEC 标准的几何端面
5. 采用行星轨迹研磨方式
6. 使用新的 I.P.C 夹具 (每个插芯可独立加压) 技术使工业生产合格率更高, 并肯无论是研磨一个或 24 个连接头, 研磨效果相同, 操作灵活性高
7. MU 和 LC 连接头最大可研磨 24 个, SC, FC, ST 连接头最大可达 20 头
8. 使用高品质热处理过的不锈钢件, 使机器保持了非常高的精确性和耐用性

二. 外部结构

1. 控制面板的各种按键和功能



2. 设置由 S1~S0 十个按键，分别代表数字的 1, 2, 3, 4, 5, 6, 7, 8, 9, 0

3. 清除键：当设置有误时，按清除键可重新设置。

三, 设定程序的方法如下

1. 连接背面插头总电源线。



2. 打开前面板上的总开关。

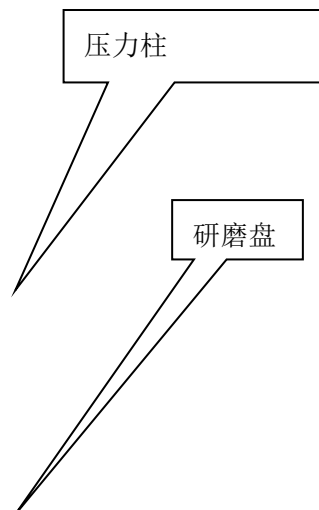


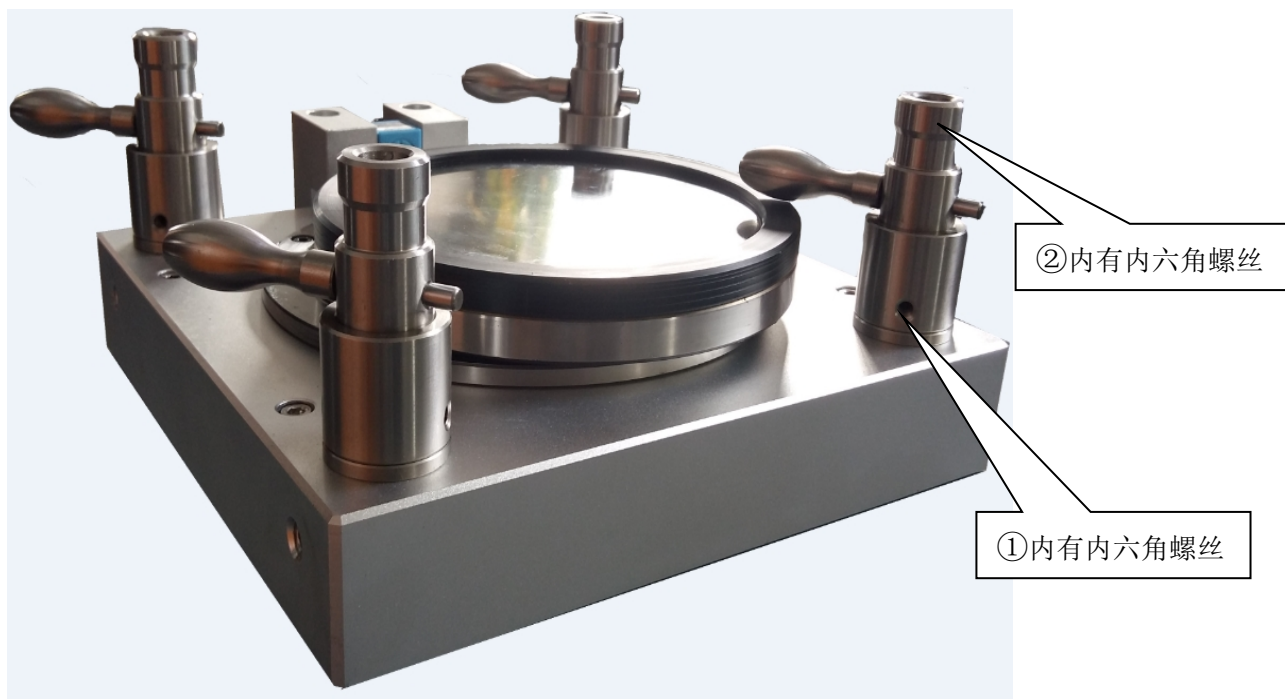
3. 面板功能设置

(1) 点击<ECS>设置研磨时间，先按一下<ECS>键，数显屏数字闪动，然后按数字的任意键为研磨时间个位数值，再次按数字的任意键为研磨时间的十位数值。最后按<ECS>键为保存，数显屏数字不闪动即可。

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四,研磨机压力调方法





1. 用内六角扳手将四个角的①内六角螺丝拧出。
2. 通过内六角扳手拧②内的螺丝，向下拧压力大，向上拧拧压力小。
3. 调节好后拧紧①螺丝即可。

五、研磨机的维护与保养

为了使研磨机保持正常的工作状态，在每次使用完机器后，应进行以下的保养程序

1. 每次研磨完成后，或者要停止研磨一段时间，都应将机器上所有残渣清扫干净。
2. 每个月清理压力柱内的灰尘。

3. 每周在研磨盘内打一次润滑油（用条形装物体顶住研磨盘底向上翘，即可拆开研磨盘打润滑油）。
4. 如将长时间不使用机器，应将磨机的总电源关闭，密封保存。

故 障	原 因	解 决 办 法
研磨机不能工作	研磨时间是否设为 0	重新设置研磨时间
	保险是否完好	更换或装好保险
研磨机不转,转动没力	卡齿轮	修复齿轮
显示屏乱屏	内部损坏, 电路板受潮	更换显示屏

六、器常见故障及原因

七、技术主要参数

- (1). 机器尺寸: 长×宽×高=25×23×260
- (2). 环境温度: 10℃~40℃;
- (3). 噪音: 空载小于 50db
- (4). 相对湿度: 15%~85%
- (5). 振动: 工作状态 0.25g 5~100Hz 10min
- 停止状态 0.50g 5~100Hz 10min
- (6). 可接受的冲击: 50mm 高处掉落
- (7). 电源功率: 115W

(8). 转速：0~110r/min

(9). 电源：220~240VAC 50Hz

(10). 环境温度介于：-40℃~85℃

(11). 振动：1.0g 5~100Hz 45min

售后服务专用卡

用户单位		详细地址	
联系电话		联系人	
购机时间	年 月 日	发票号	
设备名称			
设备型号			

设备机号

单位盖章：

年 月 日

RBTX

Four-angle pressure speed regulation optical fiber grinder

Model RBTX-550ST

Product instruction



Manufacturer statement: because the product may be updated, the products listed in the grinding machine series product specification may be different from the physical object, please prevail in kind, the company reserves the right not to notify the customer to amend the specification first.

matters need attention:

1. Do not move away from the machine in use to prevent moisture infiltration and damage to the machine
2. Do not cause undue vibration and unnecessary impact of the grinder
3. Do not touch the operating button or switch with a wet hand
4. The correct voltage and frequency of the power supply of the grinder should be ensured.
5. Do not touch rotating parts in use
6. When disassembling and assembling the ground chassis or other components, ensure that the power supply is cut off

I. Product introduction

1. 24T grinding can be carried out at the same time, which is very suitable for mass production
2. The grinding procedure is shown by the digital display screen, and the grinding time and the number of times of grinding can be displayed at the same time, so that the process quality is more

easy to control.

3. The grinding fixture is pressurized by four corners, the pressing force of the elastic cushion determines the grinding pressure, the operation is simple, the product processing precision is high, and the consistency is good.

4. The geometric end surface in accordance with the IEC standard can be produced.

5. Using the planetary track grinding mode

6. The use of new I.P. C clamps (each of which can be independently pressurized) allows for a higher yield of industrial production, and will be capable of grinding one or twenty-four connecting heads, with the same grinding effect and high operational flexibility.

7. The maximum size of the MU and LC connector is 24, SC, FC, and ST connector can reach up to 20.

8. Using high-quality heat-treated stainless steel parts, the machine is kept very high in accuracy and durability

II. external structure

1. Various keys and functions of the control panel



2. Set up ten keys from S1 to S0, representing 1,2,3,4,5,6,7,8,9,0 of the numbers, respectively.
3. Clear the key: Press the clear key to reset when the setting is incorrect.

III. The way to set up the program is as follows:

1. Connect the total power cord of the back plug.



2. Open the main switch on the front panel.



3. Panel function setting

(1) click < ECS > to set the grinding time, first press the < ECS > key, the digital display screen flashes, then press any key of the number to be the grinding time value, and then press any key of the number to be the ten digit value of the grinding time. Finally, press the < ECS > key to save, the digital display screen number can not flash.

IV:Grinding machine pressure adjustment method.



1. Use the inner hexagonal wrench to unscrew the 1 inner hexagonal screw at four corners.
2. Screw in the screw in the socket by the inner hexagon wrench, the downward tightening force is large, and the tightening force is small.
3. After the adjustment, tighten the fastening screws.

V. Maintenance and maintenance of grinding machine

To keep the grinder in working order, the following maintenance procedures should be carried out after each operation.

1. After each grinding, or to stop grinding for a period of time, all the residue on the machine should be cleaned.
2. Clean the dust in the pressure column every month.
3. Make a lubricating oil in the grinding disc every week (use the strip-shaped object to counter the bottom of the grinding disc to lift up, and then disassemble the grinding disc to make the lubricating oil).
4. If the machine will not be used for a long time, the total power supply of the mill should be shut down and sealed.

VI. Common faults and causes of the device

Therefore, the barrier	original cause	solution decision-making method
The mill can't work	Is the grinding time set to 0	Re-set the grinding time

	Whether the insurance is in good condition	Replace or install insurance
The grinding machine is not rotating, and the rotation is out of force. Display screen is on the screen	card gear	Repair gear
	Internal damage, circuit board dampened	Replace the display screen

Special card for after-sales service

User unit		contacts	
Contact number		detailed address	
Purchasing time			
Device name			
Unit name			
Equipment number			

Unit seal:

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