



## Eternal Space Tech Inc.

Focus on high-precision air conditioners for 30 years.

5 years free warranty, lifetime maintenance and technical guidance



### Magic Features of Ultra-Precision Air Conditioning

1. It is specially designed for the working characteristics of production processing and ultra-precision laboratory systems that have strict requirements on temperature and humidity, and the basic stability is  $\pm 0.1$  °C;

2. At the same time, the air conditioner is designed with ultra-stable, ultra-quiet and vibration

elimination according to the ultra-precision experiment and processing requirements to create a stable and quiet process environment.

3. The airflow conveying adopts an ultra-quiet variable air volume multi-blade fan, the conveying air volume is stable and ultra-quiet.

4. The micro-environment of the constant temperature and humidity room adopts a comprehensive rectification diffuse air supply system, and the airflow organization is stable and soft.



5. The heat exchange system adopts a special coupling temperature adjustment system, which has the characteristics of high precision, vibration elimination, ultra-quiet, flexible heat exchange, etc., and the failure rate is extremely low, which can ensure long-term stable ultra-precision environmental control for users.

6. All equipment components are designed with standard parts, and the control system adopts a general-purpose programmable controller, which has powerful control functions, and the system software can be upgraded at any time. Because it is a general-purpose product, the spare parts for users are easy to obtain from

the market, which enhances the system maintenance. Efficiency and convenience.

7. The control system has a variety of built-in operating modes, and the temperature control mode can be adjusted according to the requirements of the experiment and processing technology.

8. The unit has the function of Internet of Things, which can be monitored and debugged remotely.

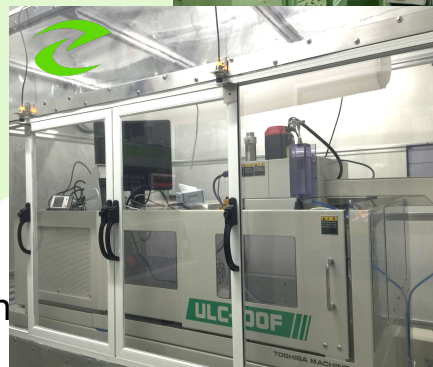
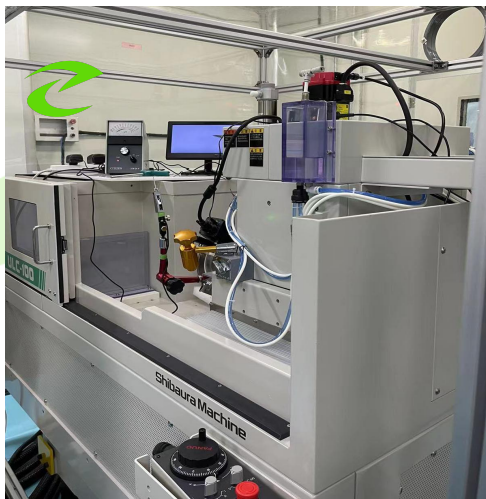
**Application scenarios:**

- Optical lens production
- Optical mold production
- Laser experiment
- chip production
- Metrology detection
- .....



**The following application example:**

Laser Laboratory of the Academy of Sciences  
Precision machining of optical instruments



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If you have any technical confusion, please contact us :

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