

# High vacuum brazing furnace



## **Application introduction of high vacuum brazing furnace**

High vacuum brazing furnace has high vacuum degree, high heating temperature, high control precision, high stability, and has the characteristics of no pollution, no flux, no pores, no slag inclusion, and energy saving.

## **Application field of high vacuum brazing furnace**

High vacuum brazing furnace is used for vacuum brazing of products with high vacuum requirements such as aluminum, copper, nickel, gold, stainless steel, composite materials, superalloys, especially high-temperature alloys containing aluminum and titanium, and single crystal alloy blades Transition liquid phase welding (TLP).

## **Features of high vacuum brazing furnace**

1. The equipment adopts external circulation cooling mode, and the heating and cooling are separated.
2. The heat preservation adopts a full metal sheilding to ensure the high vacuum degree required for the brazing of the workpiece.
3. The heating adopts multi-zone temperature control method to ensure good temperature uniformity in the temperature zone.
4. Product parameters: This product has two types: horizontal and vertical, and various non-standard vacuum aluminum brazing furnaces can be customized at the same time.
5. Professional technologists provide technical support for the customer's

product brazing process.

6. Such as 6061, 6063, 3003 and other aluminum materials brazing.



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