

Micro and One Component Six Axis Dispensing Robot HG-TJ611

Micro and Two Components Six Axis Dispensing Robot HG-TJ612

#### 1. Components of equipment:

a six-axis robot(including a transformer and control box), a material platform of workpieces, a set of dispensing material system and human-machine control part.

#### 2. Characteristics of equipment:

Operation interface is indicated in both Chinese and English; if there is any need, other languages can be added. The system boasts functions such as false operation reminding, idiot-proof protection, overpressure alarming, temperature alarming and low material level reminding.

When operating the human-machine interface, the operator only needs to enter commands in the interface such as "Confirm" and "Start" for loading and unloading of workpieces, and then the equipment can automatically complete the required function operations.

#### 3. Introduction of functions:

- 1) Applicable raw materials: single-component silicone adhesive material.
- 2) Graphic editing form: processing graphs are generated by programming and importing with handheld teaching box.
- 3) Amount of axes in asynchronous motion: six.
- 4) The indicator light of turning on: a three-color indicator light (red, yellow, and green).
- 5) Imported high-precision metering system.

#### Hard Core:

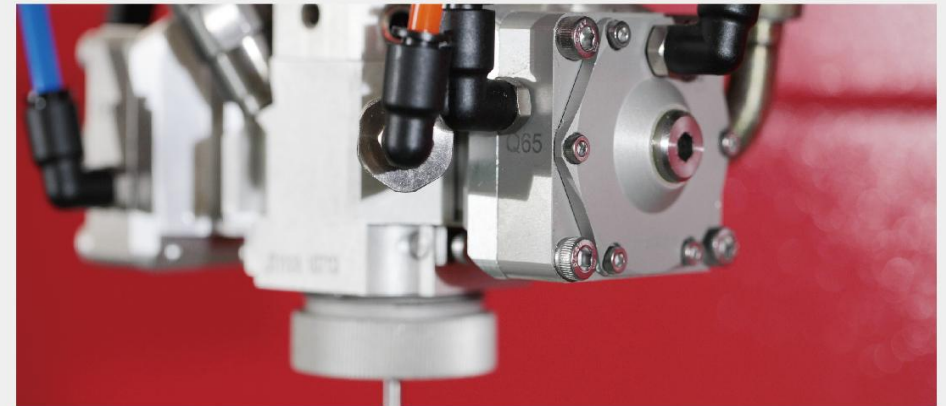
The Company independently researches and develops high-performance mixer with multiple independent intellectual property rights, which can match the most suitable dispensing heads according to customers' product needs.

Metering pump originally made in Germany supplied by Barmag, internationally advanced metering pump manufacturer is applied to the system for liquid cement metering; the metering pump is powered by servo motor high-precision speed reducer, which achieves higher metering precision.

The unique remote service performance (from Beckhoff) makes on-line synchronous dialog, diagnosis with camera shooting and timely zero-distance after-sales service achievable.

### Parameters

Model	Raw Material Packaging
HG-BJ611	200L metal bucket, heating/no heating
	20L metal bucket, heating/no heating
	310-330ml tube-loaded package



### Introduction of Mixing Head

1. Driven by high precision servo motor and mixing speed is adjusted (according to process requirement)
2. Independent temperature controlled
3. Rotary shutoff to shorten the length of nozzle and help shorten the glue retention time in nozzle, to prevent material from dripping between shots and greatly reduce the cleaning frequency
4. Special mixer for auto door panel: at relatively low mixing speed to achieve high-speed mixing effect. Prevent instant heating by high-speed mixing, prevent skinning and polluting in mixing head, and decreased cleaning frequency.
5. Cleaning system:
  - 1) high pressure water rinsing
  - 2) cleaner recirculation system: multiple use of PU cleaner , the cleaner is filtered and recirculated within the system

### Parameters

Mixing head rotate speed	0~6000r/min	
Nozzle sizes	1.7mm/1.9mm/2.2mm/2.5mm/3.2mm/3.5mm etc...	
JT1120-30701	Micro-mixing cup 1	Use different mixing shaft according to customers demand
JT1120-30703	Micro-mixing cup 2	
JT1120-30702	Micro-mixing cup 3	
JT1130-2502	Standard mixing cup 1	More Choices
JT1130-2602	Standard mixing cup 2	
JT1130-2702	Standard mixing cup 3	

