HTS-230PC-4S

Semi-cabinet 4-Axis Intelligent Screw Fastening Robot

H.O.T

Product Description:



Specifications:

Screwing Range:	210*350*90mm（X*Y*Z）
Drive System:	JMC Closed-loop Stepper Motor
Linear Guide:	Ball Screw
Positioning Accuracy:	±0.02 mm
Control System:	High-performance MCC + Integrated Computer
Feeding Mode:	Vacuum/Magnetic Feeding
Screwdriver:	Servo Screwdriver
Feeder:	1 set/2 sets
Cycle Time:	1.5s-1.8s
Program Capacity:	100 sets
Communication Interface:	USB
Power Supply:	AC220V
Air Supply:	0.5-0.6MPa
Power:	1350W
Dimension:	750*975*975mm（W*L*H）
Weight:	150KG

Product Features:

- Supports Vacuum / Magnet feeding (Requires nozzle changeover) ; Can fasten Stainless Steel screw and SEMS screw. (Vacuum feeding) ;Can work on deep holes, slanting holes, cambered surface, surface of different height.(Magnetic feeding) .
- Intelligent servo screwdriver, Rotaton Speed (0-3000r), high accuracy (±5%), low noise, long service life, no need repairing. Torque (0.3-9KGf.cm) adjustable on the operation panel.
- Aluminum structured, sheet metal shell, high stability. Feeder and Z-axis structure heights are adjuctable, supports workpieces of different height. Built-in safety sensor, safe and exquisite.
- Integrated computer. (Wire network and Wi-Fi, both available).
- Supports status capturing and MES uploading, easy to trace back. (Option: Manual or Auto upload).
- USB Code scanner available, screwing status will be automatically connected to the product code.
- Displacement sensor available. Inspecting float height and automatically fix the float issue.
- Vacuum pressure sensor availavle. Check if the screws in the vacuum nozzle have fallen off.
- PC and smart phone remote control available. (Need to download App).
- Intelligent screwdriver, can show the torque waveform diagram in time.
- Optional: CCD Vision-assist, features high-accuracy screw fastening.

Equipment Parameters:

Model	HTS-230PC-4c	HTS-230CCD-4A	HTS-230PC-4S
	Desktop 4-Axis Intelligent	Desktop 4-Axis Intelligent Vision	Semi-cabinet 4-Axis
Dimension	700*665*780mm	750*680*1110mm	750*975*975mm
Screwing Range	210*410*90(X*Y*Z)	210*410*90(X*Y*Z)	210*350*90(X*Y*Z)
Feeder	1 set (Optional up to 3 sets)	1 set (Optional up to 3 sets)	1 set/2 sets
Cycle Time	1.5s-1.8s	1.5s-1.8s	1.5s-1.8s
Program Capacity	100 sets		
Power	1350W	2000W	1350W
Weight	150KG	130KG	150KG
Power Supply	AC220V		
Drive System	JMC Closed-loop Stepper Motor		
Linear Guide	Wecn	Ball Screw	Wecn
Positioning Accuracy	±0.02 mm		
Control System	High-performance MCC + Touch Panel		
Feeding Mode	Vacuum/Magnetic Feeding		
Screwdriver	Servo Screwdriver		
Air Supply	0.5-0.6MPa		
Communication Interface	USB		

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