

UPKTECH- 730 -Selective coating machine

I.Pictures:



II.Technical Parameters:

Dimensions	L1060mm*W1300mm*H1700mm
Control method	Industrial computer + board control
Program matically	Manual teaching + mouse button
PCB transmission height:	910±20mm
Shipping speed:	0-25m/min
Conveying method	Chain conveyor (35B 5mm extended pin stainless steel chain with baffle)
Transmission motor	Dual stepper motors are independently controlled, fast and accurate
Conveyor rail width	50-450mm adjustable
PCB board component height	Upper and lower MAX:100mm
Guide rail width adjustment drive	Stepper motor drives double ball screws for precise positioning
Guide rail width adjustment method	Electric adjustment
XYZ drive mode	Servo motor + screw module drive
XY maximum speed	800mm/s
Z max speed	300mm/s
XYZ axis repeatability	±0.02mm
Valve type:	1 precision atomization valve H-905 and 1 striker type dispensing valve H -D01
Bucket volume	A 10L stainless steel inner barrel without stirring function and a 2L stainless steel pressure barrel for cleaning

Cleaning function	Equipment comes with cleaning function
Lighting part	The device comes with its own lighting source
Detection part	The equipment comes with UV detection light source
Device power supply	AC220V 50Hz
Equipment air source	4-6kgf/cm ²
Weight	Approx.500KG
Total power	1.8KW

III. Configuration list:

No	Item	Brand	Qty	Function
1	Servo Motor	Huichuan	3	For X/Y/Z axis motion
2	Server Driver	Huichuan	3	Drive related axis motor movement
3	Stepper Motor/Driver	STD	3	Transport shaft and modulating shaft motors
4	Switching power supply	Mean well	2	Equipment weak power supply
5	U-shaped sensor	Omron	4	Location targeting
6	Photoelectric Sensors	Omron/LS61	3	PCBA induction
7	Industrial computer	Advantech	1	motion control computer
8	Motion control card	HAIPAI	2	Motion control system , independently developed
9	LCD Monitor	DELL	1	Human-machine interface display
10	Air source processor	AirTAC	1	Equipment air source control
11	Slide cylinder	XINCEN/SMC	2	Glue valve pneumatic component control
12	A pressure regulating valve)	NNT/XINGCHEN/SMC same style	1	For air pressure regulation
13	Pressure digital display	NNT/SMC same style	1	Barometric pressure display
14	The electromagnetic valve	NNT/SMC same style	4	Pneumatic component control
15	Pressure Switch	Air TAC	1	Pressure Switch
16	Double rod cylinder	XINCEN/SMC same style	2	PCBA board positioning
17	Shut-off valve	XINGCHEN	8	Air pressure control
18	Tracheal joint	XINGCHEN	several	Air line transfer
19	Pressure barrel	HAIPAI customization	1	bucket
20	Screw module	HIWIN	3	X/Y/Z axis