

UPKTECH -D30 - High-speed dispensing machine

I. Pictures:



II.Equipment Features:

Dimensions	L920mm*W1340mm*H1480mm
Weight	1000kg _
Control	Industrial computer + motion control card
Max height of component	5 0mm
Programmatically	Online visual programming
CCD visual positioning	Automatic calibration of running accuracy
X, Y, Z axis drive	Servo motor + precision screw
Maximum movement speed	1000mm / s
Repeat accuracy	± 0.0 1mm
Coating stroke	X350 mm, Y 400mm, Z50mm
Number of valves	1 piezoelectric injection valve H -Y01 (nozzle striker can be customized)
Paint capacity	30CC /50CC
Input air pressure alarm	Menu + sound and light alarm
Power supply	220V 50~60HZ
Air pressure	6.2kgf/cm2
Total power	3KW
Communication Interface	SMEMA

Stepper motor conveying	2-5m/min
Automatic amplitude modulation	Single track: 50 -400mm
Remark	Standard equipped with C CD vision camera

III. Equipment functions:

- Computer control, WINDOWS operating system, fault sound and light alarm and menu display
- Using visual programming, the operation is simple and fast
- X, Y, Z three-axis motion, optional rotating axis (screw valve, injection valve does not need to rotate)
- Using high-performance servo motor + ball screw drive
- The operating accuracy reaches $\pm 0.02\text{mm}$, and errors can be automatically corrected.
- Integral steel motion plane for smoother operation and programming
- Automatic track width adjustment
- Equipped with high-speed injection valve (200p/s) or screw valve (5p/s)
- Automatic glue valve cleaning device, automatic vacuum cleaning of injection valve

IV. Main configuration list:

No	Product	Brand	Qty	Description
1	Industrial computer	Advantech _	1	motion control computer
2	LCD Monitor	Dell	1	Human-machine interface display
3	Motion control card	HAIPAI	2	Motion control system , independently developed
4	Industrial Network Digital Camera	Daheng Image/ Hikvision	1	
5	Servo motor/Driver	Fuji	3	Drive related axis motor movement
6	Screw nut combination	TBI	3	
7	Photoelectric Sensors	OMRON	3	PCBA induction
8	I/O motherboard	HAIPAI	1	
9	valve body	HAIPAI	1	