

# BENCHTOP SELECTIVE COATING MACHINE AD-200



## Description

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The AD-200 selective coating robot with a precision narrow spraying valve and material tank provides a unique benchtop solution.

- X/Y/Z 3 axis step motor control
- Hand-held teach pendant for programming
- Machine travel: X: 380mm / Y: 250mm
- Built in dispensing controller with independent air regulator
- Precision spray valve with 6-10 mm adjustable spraying width
- 10L material pressure tank
- 2L cleaning pressure tank
- Enclosed cover

## Features

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- A high-quality step motor with high precision linear guide rail and driving system, ensure steady and precise run of motion system
- Equipped with precision spray valve with 6-10 mm adjustable spraying width.
- Equipped with 10L material pressure tank and 2L cleaning pressure tank.
- Handheld teaching pendant with powerful software, complete English interface, easy to operate.
- Powerful software with the following capabilities: painting point, straight line, multi-line segment, three-dimensional arc (spatial arc), round, rectangular, runway, coating, automatic corner rounding, irregular 3D spline curve and other graphical elements, rich handmade teaching function and graphical preview function.
- Powerful software includes route copy and array copy function, park location setting function, coordinate offset correction function, different dispensing height and lifting height setting function, pause and continue running function and more.

ITEMS	MODEL	AD-200
Stroke (mm)	Number of Axis	3 (Single head X,Y,Z)
	X-aixs	380
	Y-aixs	250
	Z-aixs	80
	Speed (mm/s)	XYaixs
Repeatability(mm)	Z-aixs	±0.06mm
Dimensions(mm)	WxDxH	720x700x800
Weight	NetWeight	80kg
Power source	Voltage/Frequency	AC220V,singlephase,50/60Hz
	Capacity	750W
Motor	Type	Step motor
	Operation	MicroStep
Programming	Techingmethod	Hand-heldteachpendant,ManualDatainput
	Motioncontrol	PTP,CP(3dimensionalstraightline/circulararcinterpolation)
	Programcapacity	2G memory ,100 programs or instruction ≤8000
Working Temperature		0 - 40°C(32-104°F)
AirInput		5 Kg/cm <sup>2</sup> (approx.70psi)

## Details

Built in dispensing controller with independent air regulator



Hand-held teach pendant with powerful software is easy for programming.



### Spray valve

Coating thickness can be adjusted by changing air pressure and moving speed.

Coating width can be adjusted by changing air pressure.



MODEL	V-1000
Spraying swath	6-10mm
Air pressure	0.2-0.4Mpa
Max viscosity	1000 cps
Edge definition	1mm

### Material Tank

10L material pressure tank



2L cleaning pressure tank



## Benchtop Selective Coating Machine AD-200 includes

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### Standard configuration:

- Benchtop Selective Coating Machine AD-200
- Handheld teaching pendant
- V-1000 spray valve
- 10L material pressure tank
- 2L SUS cleaning pressure tank
- Soaking cup \* 1pcs
- Purging cup \* 1pcs
- Enclosed cover