

## Shenzhen Southern Machinery Sales and Service Co., Ltd

Add:Room 1806 Block 3 Jinyun COFCO, Qianjin 2nd Road , Xixiang, Baoan District, Shenzhen ,China

### S-400SP Desk-top Visual Dispenser



## Introduction

Featured by fast speed and high precision, S-400SP can dispense multiple pcs product at the same time. It can dispense with various material such as surface-mount adhesive, epoxy, UV conductive silver adhesive, IC encapsulation adhesive, underfill adhesive, sealant, surface coating adhesive, etc.

S-400SP is designed for fast and high-precision non-contact spray dispensing. It can dispense in various environment with spray frequency as high as 250 times/s. Strong spray dispensing power can deal with glue with viscosity of 200000mPas. Intelligent temperature control system makes sure effective control of the glue temperature. Special equipped servo platform makes sure fast speed, high precision, and stability.

## Specifications

Model	S-400SP
Work Area	400(X)×400(Y)×100(Z)mm×400(Y)×100(Z)mm
Travel speed	400mm/sec(XY)/200mm/sec(z)
Resolution	0.01mm
Repeatability	±0.01mm
Operation system	pc
Drive Mode	Servo motor/ball screw
Power supply	AC220V 50-60HZ 0.7KW
Size	490×528×829mm×528×829mm
Weight	About85kg
Work Condition	Humidity: 20-90%, Temperature:0-40℃

## Configurations

Title	Unit	QTY	Remarks)
Motor	kit	3	Panasonic Servo Motor
High-precision spray valve	kit	1	independent R&D
Motion controller	kit	1	independent R&D
Industrial computer	kit	1	Advantech
CCD	kit	1	Imported
Automatic dispensing software	kit	1	independent R&D
Spray valve controller	kit	1	independent R&D

## Part 1 :Hot-melt Spray Valve Controller Specification



Size	300x250x100(mm)
Power supply	100~240V AC, 50/60 Hz, 50/60 Hz
Interface display	LCD screen, 256 x 160 pixels
Inlet air pressure	0.3~0.6、MPA、MPA
Outlet air pressure	0~0.3MPA (Adjustable)
Air control precision	0.001MPA
Temperature precision	±0.1℃0.1℃
Solenoid valve air pressure	0.5~0.6 MPa
Heater power supply	AC 220/50W
Maximum heating temperature	150℃

## Part 2 :Spray Valve Specification



Size	125x95x32(mm)
Weight	350g
Hitting pin & spray nozzle	Wear-resistant composite material
Maximum working frequency	250times/second
Open valve air pressure	0.5-0.7 MPa
Glue feeding air pressure	0.01~0.3 MPA. 0.01~0.3 MPA
Maximum heating temperature	100 °C °C
Spray nozzle diameter	Optional range: 0.05-0.45mm
Minimum dispensing volume	0.005 μ l   μ l

# Welcome inquiry

- 1, Please visit : [www.smthelp.com](http://www.smthelp.com)
- 2, Find us more: <https://www.facebook.com/autoinsertion>
- 3, Know more our team: <https://cn.linkedin.com/in/smtsupplier>
- 4, Welcome to our factory in Shenzhen China
- 5, Google: Auto+Insertion
- 6, Looking forward to your email: [chan@smthelp.com](mailto:chan@smthelp.com)