

Super small-amount dispenser mounted with ultra-precision pump unit  
**Automatic One-liquid Measuring Metered Dispenser**

**SINGLE SOLID PUMP SYSTEM**

# SSP Series

## Ultra-precision Measuring Compact

Featuring SOSEY-SOLID® pump system  
capable of dispensing super small amounts of  
**0.015/0.050/0.150/0.450/0.900ml.**

Perfect for low-gravity to high-gravity,  
low-viscosity to high-viscosity materials<sup>(※)</sup>,  
adhesives, conductive paste, thermal grease,  
UV resin, wax paste and other liquid materials.

(※) Depending on the type of material or filler,  
it may be unusable or part wear may be faster.



Comes with simple operation  
controller.  
It can be used immediately.



It is extremely light and easy to  
incorporate onto a tabletop robot.  
※ Robot sold separately.

### ⊕ Use

For liquid gaskets, thermal grease, cell phone circuit boards, etc.



Automatic liquid control pioneer

**SOSEY**

Domestic base

■ Head office/factory | Sales Department ■ Sales Headquarters (East Japan Area) ■ Central Japan Area ■ West Japan Area  
Overseas base

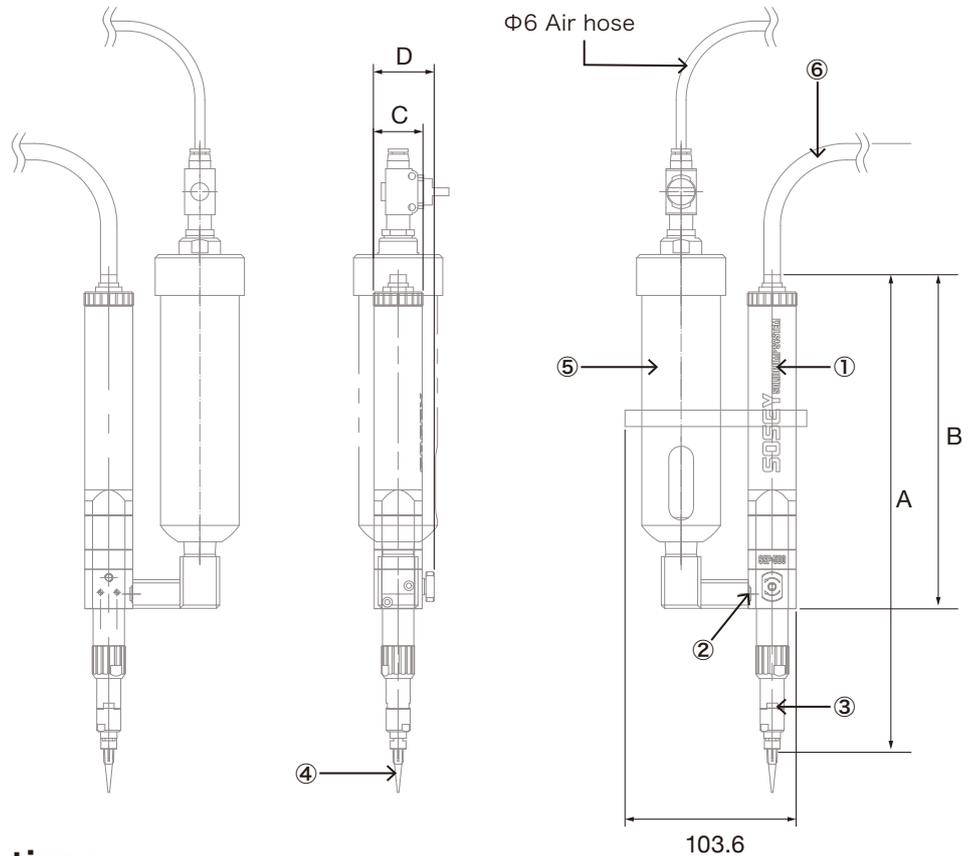
■ SOSEY TAIWAN ■ SOSEY CHINA ■ SOSEY KOREA



## ■ Dimensions/

### Part Names(Unit:mm)

- ① Pump drive motor
- ② Material connection
- ③ Metering section
- ④ Plastic taper nozzle
- ⑤ 170cc cartridge  
※Syringe type surface
- ⑥ Motor cable



## ■ Main Unit Specifications

※Numerical value is the design theoretical value and does not warrant the performance of this device.

Model	SSP-015	SSP-050	SSP-150	SSP-500	SSP-1000
Pump size	0.015ml/rev	0.050ml/rev	0.150ml/rev	0.450ml/rev	0.900ml/rev
Motor speed	~120rpm(Usable motor speed differs by viscosity of the material.)				
Maximum amount dispensed (theoretical value)	0.03ml/s	0.10ml/s	0.30ml/s	0.90ml/s	1.80ml/s
Minimum amount dispensed (theoretical value)	0.0005ml/s	0.0017ml/s	0.0050ml/s	0.0150ml/s	0.0300ml/s
Dispensing precision	±1%(Differs by material.)				
Material supply method	PT1/4 or various cylinder cartridges				
Material dispensing method	user lock (standard) / other special nozzles (optional) are available				
Material supply pressure	0~0.6MPa				
Material viscosity	~200,000mPa·s				
Usable temperature	~50°C				
接液部材質	SUS303F / UHHW PE / FFKM				
Body weight	400g			600g	700g
A(mm)	231.5			280	310
B(mm)	155			193	205
C(mm)	27			29	29
D(mm)	33			35	35

## ■ Controller Specifications

Power supply	Single phase 100VAC 50/60 Hz
Power consumption	100W
Dispensed pattern memories	15 patterns ※Selectable by external I/O
Operation mode	Timer dispensing / continuous dispensing / metering dispensing
Air supply for material pressurization	Φ6 air supply Capable of adjusting air pressurization in the range of 0~0.6 MPa with built-in regulator

※Specifications and outside appearance may change without advanced notice.

※The device is not explosion- or water-proof.

※Special specifications other than those noted above are available (optional).

Please inquire with our sales representative if you wish to add optional specifications.

Click here for estimates     
 Estimate format for easy inquiries is posted

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**SOSEY**

<http://www.sosey.co.jp/>

■ Head office/factory TEL(052)612-7321(代)

Sales Department

■ Sales Headquarters (East Japan Area)

TEL(03)3455-7141(代)

■ Central Japan Area TEL(052)613-2511(代)

■ West Japan Area TEL(06)6303-7141(代)



●Contact below to order