

# PSP-Series 1K PRO-SPRAY Series®



Item	Model	PSP-015	PSP-050	PSP-150	PSP-500
Dimension(□xLx∅)		27x296x18mm		29x346x18mm	
Weight		420g		610g	
Angle of spray		5~30 °			
Dispensing Volume		0.1~0.6ml/min		0.3~18.0ml/min	
Viscosity		10~50,000cPs			
Spray Air Pressure		0~500kpa			
Material Inlet Port		BSPT 1/4		BSPT 1/4	
Spray Air Hose		∅4			
Motor Speed		0~120RPM			
Dosing Accuracy		±1%			
Orifice of Dosing		∅0.5~∅0.8			

It is an ultra-high precision volumetric spray dispensing system that produces ultra-fine to massive discharges by using combinations of material supplying pressure and spraying air pressure. It is possible to control and set the spray line width in various ways by systemizing it with dedicated control equipment. Equipped with various types of spray nozzles, it may dispense in the shape desired by customers (see the table below).

The design of the special vortex structure may prevent losses of materials and contamination in the surrounding areas caused by scattering or overspraying.

The combination of the sprayed amount and air pressure can be conveniently set, enabling spraying discharge for various purposes.

Spray Nozzle Type	MS (Micro Spray)	WC (Wide cone)	FF (Flat Fan)
Appearance of Nozzle and Spraying			

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## PRO-SPRAY CONTROLLER PSC-100



Item	Model	PSC-100
Dimension(W x H x D)		240 x 116 x 230mm
Weight		3.6kgf
Power		AC 100 ~ 240V, 50/60Hz
Power Consumption		50 W
Display		5.0inch TFT LCD, Touch panel
Operating Mode		Time / Steady / Auto
Memory		32ch
Air Pressure		0 ~ 0.7MPa
Inlet Port		One Touch Fitting PC (Ø6 Air Hose, Max. 0.7MPa)
Outlet Port		Auto Joiner (PH-H4)
Interface		RS232, D_SUB 9 PIN
Input Signal		NPN or Normal Open Signal
Dosing End Signal		NPN or Open Collector
Temperature		10 ~ 40°C
Humidity		30 ~ 70 %
Standard Component		Motor Cable(2m) , Controller Cable(2m) Power Cord, Air Connect Tube (2.5m)

The exclusive software for the PSP dispensing pump facilitates precision with various functions for spraying or dispensing.

With the application of the 5.4inch color touch screen, it is excellent in data recognition and easy to operate.

Excellent compatibility with other devices such as a PC, PLC, etc. with a memory function (30ch) for setting the memory.

External interface functions facilitate the continuous execution of various tasks.

With the intuitive operation settings and data changes, it is easy to operate.

It's possible to set various dispensing conditions freely with the TIME/STEADY/AUTO modes.

