



| Item | Model | PSP-015 | PSP-050 | PSP-150 | PSP-500 |
|---------------------|-------|---------------|---------|----------------|---------|
| Dimension(□xLxØ) | | 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 1/8 | | BSPT 1/4 | |
| Spray Air Hose | | Ø4 | | | |
| Motor Speed | | 0~120RPM | | | |
| Dosing Accuracy | | ±1% | | | |
| Orifice of Dosing | | Ø0.5~Ø0.8 | | | |

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 | | | |

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.

