

SPRAY GUN

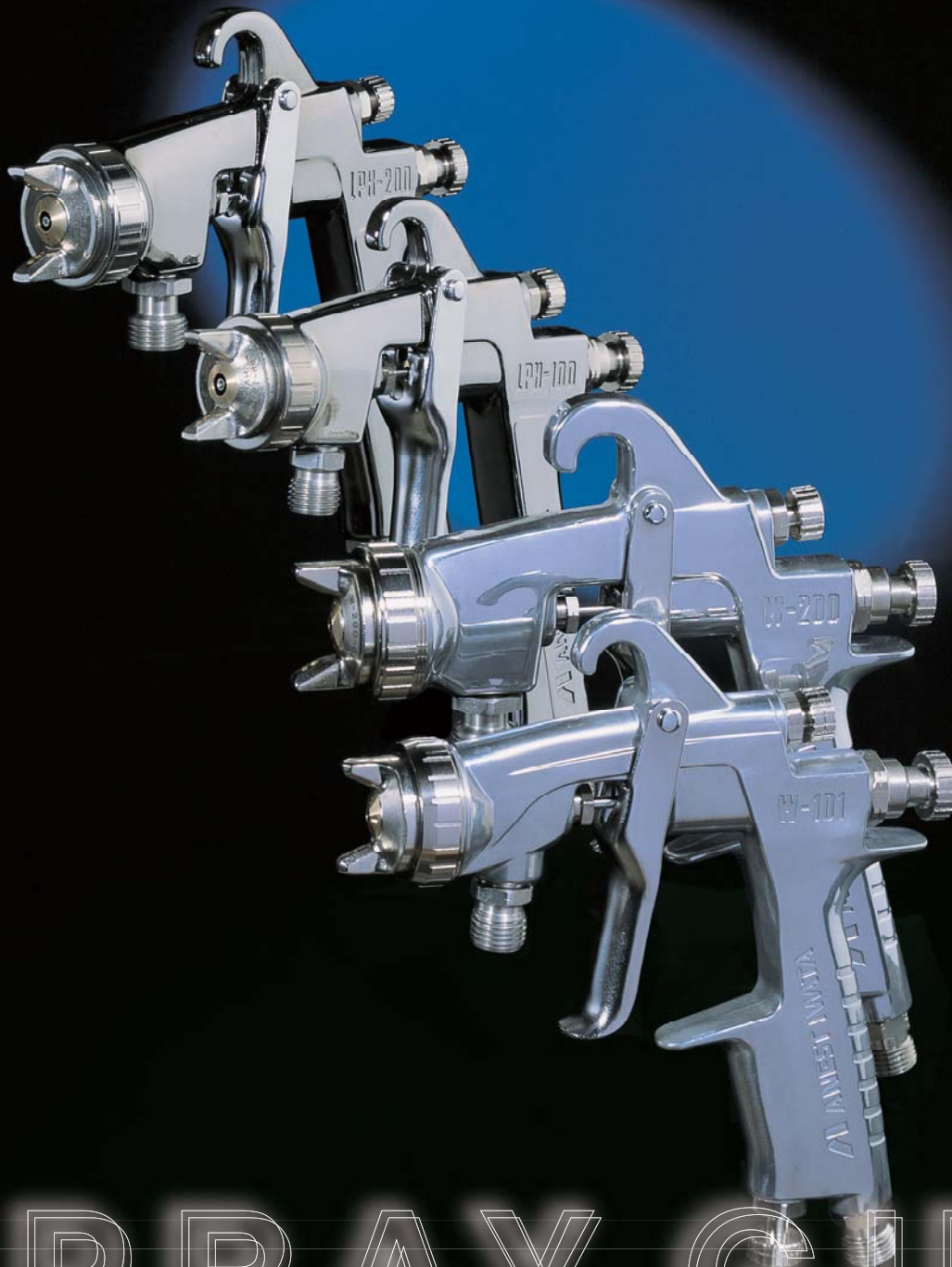
Công ty TNHH MTV Thương mại Công nghệ VI GO VIỆT.

Địa chỉ: 181C, Tổ 2, Khu Phố 3, Phường Long Bình, Biên Hòa, Đồng Nai.


Điện thoại: 0251.2222.135 - Di động: 0938.010.892 - 0988.305.300

Email: vigoviet@gmail.com, MST: 3603113168

Website: <http://sungsondongnai.com> hoặc <http://vigoviet.com> hoặc <http://airbrush.com.vn>



SPRAY GUN



New Millennium Quality with Human and Environmental Friendliness

New Millennium Quality complies with environment-conscious requirements with both little overspray and high transfer efficiency low pressure spray guns and new general purpose spray guns.

Every industry is now trying to protect [the invaluable earth] on a worldwide scale. We, industrial manufacturers, are responsible for developing state of the art technology which is friendly to both humans and environment. Especially, restriction of VOC's (volatile organic compounds) and reduction of industrial waste have become imminent. Under this background, Japanese industries are expediting to meet high transfer efficiency, little overspray, water based and low VOC paints. We introduced low pressure spray guns in 1990 to clear California regulations, the most stringent in the world, and have established new atomizing technology. Now, we have developed spray guns with performance that will satisfy painters around the world and painters who are eco-conscious. "LPH series" has high transfer efficiency with little overspray mists. Our latest conventional spray guns, "W series" has higher atomization and less overspray mists than previous models by reducing atomizing air pressure (at gun handle).

Spray guns with new functions for the 21st century

LPH(low pressure) - 50·80·101·200·300·400 series
W(general purpose) - 50·101·200·300·400 series

For environmental protection

● Low pressure (LPH) spray guns

Air cap, fluid nozzle and body construction have excellent mechanism to create uniform air flow and have materialized high atomization with pressure in air cap (0.05 MPa for gravity feed and 0.07 MPa for pressure feed) which is about one fourth of the previous type. We propose a reduction of overspray mist and an increase of transfer efficiency.



● General purpose gun (W type) spray guns

From an environmental viewpoint, we have reduced atomizing air pressure (at gun handle) by 0.05MPa and surpassed atomizing performance of previous models. They can cope with environment complying paints (water-based paints, etc.) which were considered to be difficult to atomize with previous models. Besides environmental protection, low air pressure has achieved little overspray of paint mist, minimal bounceback (increase of transfer efficiency), reduction of VOC emission, improvement of working environment and cost reduction through paint saving.

Improved handling

Lightweight and compact gun body design

- We have designed the small type gun 295g (previously 320g), and large type gun 380g (previously 540g).
- Compact, round gun body can fit into your hand.
- When fitting an air hose, container or cup to the gun, you will enjoy a well-balanced sense of gravity. It is really painter-friendly and handles very easily.

Improved productivity

- The air valve and fluid needle are fitted onto the same axis, resulting in 20~30% lighter triggering than previous models.
- Smoother movement of knobs to adjust the pattern, air volume and fluid output makes it easier to change these conditions.

Flat and wider pattern

- Flat pattern with uniform mist achieves beautiful finish and makes spray overlap easy.
- Larger pattern width than that of previous models has improved productivity.

Easy maintenance

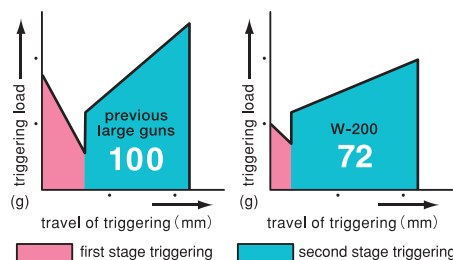
- The larger area where spanner is applied on fluid nozzle makes it easy to replace parts.

All wetted parts are made of stainless steel which can cope with water borne paints

- All wetted parts of the fluid nozzle, fluid needle, fluid nipple and the insert of the gun's body are made of high quality stainless steel.

Wide range of applications

- Out of a wide lineup in terms of nozzle orifices and high atomization type spray guns, you can choose the most suitable model for your applications.



Reduction of triggering load : When considering trigger load of previous system to be 100, that of W-200 is 72.

④ Selection of spray gun model?

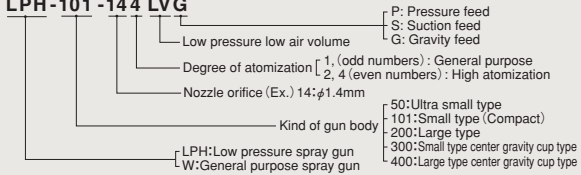
Selection of low pressure spray gun and general purpose spray gun

● From the viewpoint of environmental protection, spray guns of high transfer efficiency and little overspray are becoming mainstream in the world. LPH low pressure spray guns can achieve high atomization with low pressure of 0.07MPa (0.7kgf/cm²) in air cap. Low pressure spray guns reduce VOC emission to atmosphere and contribute to improvement of working conditions at painting site.

| Series | Ultra small type 50 series | Small type 100 series | Large type 200 series | Small type center gravity cup type 300 series | Large type center gravity cup type 400 series |
|---------------------------|----------------------------|-----------------------|-----------------------|---|---|
| Low pressure spray gun | LPH-50 | LPH-101 | LPH-200 | LPH-300 | LPH-400 |
| General purpose spray gun | | W-101 | W-200 | W-300 | W-400 |

[How to read model names]

(Ex.) LPH-101-144 LVG



When you spray corrosive paints in a line painting with LPH-200 or W-200 pressure feed spray guns at high frequency, we prepare an optional fluid nozzle and fluid needle set made of hard-to-wear material.

● General purpose spray guns are spray guns you have been using up to now.

● Is air volume enough ?

Air compressor supplies about 100 liters/min. per 0.75kW (1PS). Use an air compressor which supplies 20 to 30 % larger free air delivery than air consumption of selected spray gun.

※As for details, refer to 「Air Compressions」 catalog.

● Do you use air filters and air regulators ?

Moisture and oil are big enemies to coating.

A spray gun can achieve satisfactory performance at air pressure specified in instruction manual of each spray gun.

Be sure to fit air filter and air regulator or air transformer near painter and use clean air without moisture or oil at regulated pressure.

Caution

● Figures in this catalog are measured by our test points.

They will differ according to kinds of paints and painting conditions.

☉ Most suitable ○ Suitable

General purpose spray gun

| W-101 | | | | | | | | | | | | | | | | | | W-200 | | | | | | | | | | W-300 | | | | W-400 | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|--|--|--|
| 131S | 131G | 132S | 132G | 134S | 134G | 151S | 151G | 152S | 152G | 181S | 181G | 122P | 151S | 151G | 152S | 152G | 182S | 201S | 201G | 202S | 202G | 251S | 251G | 081G | 101G | 132G | 122G | 142G | 162G | 182G | 251G | | | | |
| 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.8 | 1.8 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | 1.8 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 | 0.8 | 1.0 | 1.3 | 1.2 | 1.4 | 1.6 | 1.8 | 2.5 | | | | |
| | | | | | | | | | | | | ☉ | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | ☉ | | | | | | | | | | | | | | | | | | | | | | | |
| | | ☉ | ☉ | | | | | | | | | | | | | | | | | | | | | | ○ | ○ | ☉ | | | | | | | | |
| | ○ | ○ | | | | ☉ | ☉ | | | | | ○ | ○ | | | | | | ○ | ○ | | | | | | | | | | ○ | ○ | | | | |
| | ○ | ○ | | | | ☉ | ☉ | | | | | | ○ | ○ | | | ○ | ○ | ○ | | | | | | | | | | | ○ | ○ | | | | |
| | ☉ | ☉ | ☉ | ☉ | ☉ | | | ○ | ○ | | | | | | | ☉ | ☉ | ○ | | | | | | | | | ☉ | ○ | ○ | | | | | | |
| | ○ | ○ | | | | ○ | ○ | | | | | ☉ | ○ | ○ | | | | | ○ | ○ | | | | | | | | | | | | | | | |
| | | ☉ | ☉ | | | | | ○ | ○ | | | ☉ | | | | | | | | | | | | | | ☉ | | | | | | | | | |
| | | ☉ | ☉ | | | | | | | | | ☉ | | | | | | | | | | | | | | ☉ | | | | | | | | | |
| | | | | | | ○ | ○ | | | | | ☉ | | | | | | | ☉ | ☉ | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | ☉ | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Features of low pressure spray guns

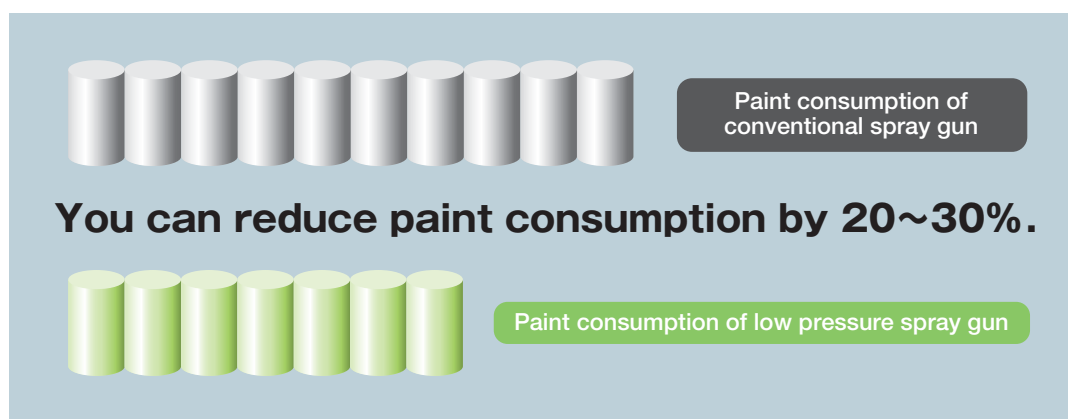
High transfer efficiency and little overspray

Speed of air flow ejected from spray guns is slower in low pressure spray guns than that of conventional spray guns. "Air flow is slow" means that power is weak against air flow direction. In other words, with less bounceback, paint particles easily reach the workpiece, since atomizing air pressure is low.

| | |
|--|---|
| <p>Low pressure spray guns</p>  <p>LPH-101LV type low pressure low air volume spray gun Atomizing air pressure: 0.1 MPa Pressure in air cap: 0.05MPa</p> | <p>Conventional spray guns</p>  <p>Conventional spray gun Atomizing air pressure: 0.3 MPa Pressure in air cap: 0.23MPa</p> |
|--|---|

Improvement of work environment

Although use of water-based paints is expanding, paints using organic solvents are still mainstream. To improve painting environment, we need to reduce the overspray paint mists. Low pressure spray guns with less overspray paint mists can lengthen maintenance cycle of spraying booths and minimize dirtiness of painters' clothing by reducing paint overspray. Less overspray means improvement of painting operation environment.



You can reduce paint consumption by 20~30%.

Paint consumption of conventional spray gun

Paint consumption of low pressure spray gun

In addition to previous High Volume Low Pressure spray guns, we have developed Low Volume Low Pressure spray guns by adopting new atomizing technology (patented).

Low pressure spray guns

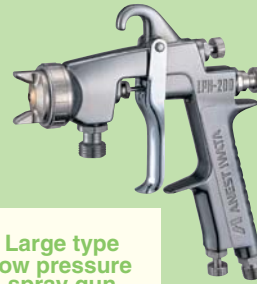
LPH-50/101/200



Small type low pressure spray gun
LPH-101-144LVG
Gravity feed type with PC-4S cup (option)



Small type low pressure spray gun
LPH-101-164LVS
Suction feed type with PCL-7B-2 (option)



Large type low pressure spray gun
LPH-200-122P
Pressure feed type



Ultra small type low pressure spray gun
LPH-50-102G
Gravity feed type with PC-51 cup (option)



New fluid nozzle mechanism
(Patent No.3359771/LPH-101LVG-S)

● Gravity feed type LPH-50-042G/-062G/-102G
...for automobile refinishing applications

① Most suitable for touch-ups or shading with small fluid output, low pressure, and low air volume. Little overspray improves painting efficiency.

② Little overspray and bounceback contribute to health protection of painters.

● Low air volume type LPH-101-124LVG/-144LVG·S/-164LVG·S

...for automobile refinishing applications

① Equipped with low pressure and low air volume, you can adjust in the same way as conventional spray guns. They enable you to improve painting operation efficiency with less overspray mists, especially when you do touch-ups and shading.

② Little overspray and bounceback contribute to protection of health of painters.

● Pressure feed type LPH-101-122P

...for industrial painting of metal, woodwork and resin

① You can reduce paint consumption by 20~30% (compared with our previous models) due to high transfer efficiency and little overspray.

② They can contribute to health protection of painters due to little overspray and bounceback.

③ Maintenance cycle of spray booth is lengthened since booth becomes less dirty.

● Pressure feed type LPH-200-122P

...for large workpieces such as large parts or vehicles

① You can reduce paint consumption by 20~30% (compared with our previous models) due to high transfer efficiency.

② They can contribute to health protection of painters.

★ Spray guns for pressure feed type and corrosive paints (option of LPH-200)

...for line painting in automobile or consumer electronics plants

When you spray corrosive paints with large fluid output at high frequency, we prepare an optional fluid nozzle and fluid needle set* made of anti-wear material.

* The parts consist of a fluid nozzle and fluid needle set.

| Model | Previous model | Type of feed | Fluid nozzle orifice φ mm | Atomizing air pressure MPa (psi) | Pressure in air cap MPa (psi) | Air consumption l/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | High atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application | | | | | |
|-------------------------|-----------------------|--------------|------------------------------|-------------------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------|------------------|-----------------------|-------------------------------|-----------------|--|-----|---------|------------|---------------------------------|------------------------|
| LPH-50-042G | — | Gravity | 0.4 | 0.09 (12.8) | 0.05 (7.1) | 50 (1.8) | 8* | 40*(1.6) | ● | E2 | 0.2~0.75 | 220 (0.48) | Automotive refinishing (touch-ups, shading) | | | | | |
| LPH-50-062G | — | | 0.6 | | | | 25* | 60*(2.4) | ● | | | | | | | | | |
| LPH-50-102G | — | | 1.0 | | | | 55* | 100*(3.9) | ● | | | | | | | | | |
| LPH-101-081P | — | Pressure | 0.8 | 0.26 (36.9) | 0.07 (10.0) | 430 (15.5) | 100 | 170 (2.4) | ● | E1 | 1.5~2.2 | 295 (0.64) | Automotive refinishing (touch-ups, block painting) | | | | | |
| LPH-101-101P | — | | 1.0 | | | | 150 | 200*(7.9) | | | | | | | | | | |
| LPH-101-122P | LPH-100-122P | | 1.2 | 0.34 (49.8) | | 530 (18.7) | 350 | 270 (10.6) | | G2 | 2.2~3.7 | | | | | | | |
| LPH-101-131P | — | | 1.3 | 0.26 (36.9) | | 430 (15.5) | 200 | 280 (10.9) | | E1 | | | | | | | | |
| LPH-101-151P | — | | 1.5 | | | | | | | | | | | | | | | |
| LPH-101-082LVP | — | | 0.8 | 0.18 (25.6) | | 0.05 (7.1) | 280 (5.6) | 100 | | 230 (9.0) | ● | | | LV6 | 1.5~2.2 | 295 (0.64) | Metal, woodwork, resin painting | |
| LPH-101-102LVP | — | | 1.0 | | | | | 150 | | 250 (9.8) | | | | | | | | |
| LPH-101-124LVG | LPH-101-124LVG | | Gravity | 1.2 | | 0.1 (14.2) | 0.05 (7.1) | 200 (7.1) | | 80* | 200*(7.9) | | | ● | LV4 | 1.5~2.2 | 295 (0.64) | Automotive refinishing |
| LPH-101-144LVG | LPH-101-144LVG | | | 1.4 | | | | | | 130* | 220*(8.6) | | | | | | | |
| LPH-101-164LVG | LPH-101-164LVG | | | 1.6 | | | | | | 100 | 220 (8.6) | | | | | | | |
| LPH-101-184LVG | — | 1.8 | | 120 | 210 (8.2) | | | | | | | | | | | | | |
| LPH-101-124LVS | — | Suction | 1.2 | 0.1 (14.2) | 0.05 (7.1) | 200 (7.1) | 60 | 170 (2.4) | ● | G2 | 2.2~3.7 | 380 (0.84) | Large workpieces such as large parts, vehicles | | | | | |
| LPH-101-144LVS | LPH-101-144LVS | | 1.4 | | | | 80 | 180 (7.0) | | | | | | | | | | |
| LPH-101-164LVS | LPH-101-164LVS | | 1.6 | | | | 95 | 190 (7.4) | | | | | | | | | | |
| Large type LPH-200-122P | LPH-90-121 LPH-90-122 | Pressure | 1.2 | 0.20 (28.4) | 0.07 (10.0) | 500 (17.7) | 500 | 300 (11.7) | ● | G2 | 2.2~3.7 | 380 (0.84) | Large workpieces such as large parts, vehicles | | | | | |

● Spray distance : 100mm for LPH-50-042G, 150mm for -062G and -102G, and 200mm for LPH-100 and -200. ● Paint viscosity: 22 sec. (20 sec. / NK-2).
* marked case : 16 sec (12 sec. / NK-2). ● Fluid nipple: G1/4 for LPH-50 and LPH-100; and G3/8 for LPH-200. ● Air nipple: G1/4 for all models.

Compact spray gun

W-101

① Lower atomizing air pressure coupled with high atomization

We have reduced both overspray and triggering load by reducing atomizing air pressure (at gun handle) by 0.05 MPa. Atomization effect is better than previous model.

② Wide lineup range

We have added 1.3 and 1.5Φmm to pressure feed type. For automotive refinish, the popular 13H21 type has been expanded to 134G/134S.



W-101-082P
Pressure feed type



W-101-132G
Gravity feed type
PC-4S
cup (option)



W-101-151S
Suction feed type
PCL-7B-2
container (option)

| Model | Previous model | Type of feed | Fluid nozzle orifice φ mm | Atomizing air pressure MPa (psi) | Air consumption l / min (cfm) | Fluid output ml / min. | Pattern width mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application | | | | | | |
|------------|----------------|--------------|------------------------------|-------------------------------------|----------------------------------|---------------------------|----------------------------|------------------|---------------------|-----------------------|-------------------------------|-----------------|---|---|----|----|--|--|---|
| W-101-082P | W-100-082P | Pressure | 0.8 | 0.29 (42) | 270 (9.5) | 150 | 190 (7.5) | ● | | E2P | 1.5 | 295 | Automobile, woodwork, furniture, metal, plastic | | | | | | |
| W-101-102P | W-100-102P | Pressure | 1.0 | | | | 220 (8.7) | ● | | | | | | | | | Woodwork, furniture, metal, medium viscosity | | |
| W-101-132P | W-100-132P | Pressure | 1.3 | | | | 220 (7.8) | 250 | 240 (9.4) | | | | ● | | | | | Woodwork, furniture, metal, medium viscosity | |
| W-101-152P | W-100-152P | Pressure | 1.5 | | | | | | | | | | | | | | | | |
| W-101-101S | W-100-101S | Suction | 1.0 | 0.24 (34.8) | 75 (2.6) | 85 | 120 (4.7) | | | E1 | 0.4~0.75 | 295 | Light industry, hobby | | | | | | |
| W-101-101G | W-100-101G | Gravity | 1.0 | | | | 95 | 130 (5.1) | | | | | ● | | | | | | |
| W-101-131S | W-100-131S | Suction | 1.3 | | | | 145 (5.1) | 150 | 155 (6.1) | | | | | | K1 | | | | |
| W-101-131G | W-100-131G | Gravity | 1.3 | | | | 160 | 170 (6.7) | | | | | | | | | | | |
| W-101-132S | W-100-132S | Suction | 1.3 | | | | 225 (7.9) | 150 | 160 (6.3) | | | | | ● | | H2 | 0.75~1.5 | 295 | Automotive refinish,* woodwork, furniture, metal, plastic |
| W-101-132G | W-100-132G | Gravity | 1.3 | | | | | | 160 | | | | 175 (6.9) | | | | | | |
| W-101-134S | W-100-134S | Suction | 1.3 | 0.20 (29) | 210 (7.4) | 140* | 180* (7.1) | | | H4 | 0.75~1.5 | 295 | | | | | | | |
| W-101-134G | W-100-134G | Gravity | 1.3 | 0.24 (34.8) | 250 (8.8) | 145 | 200 (7.9) | | ● | | | | | | | | | | |
| W-101-151S | W-100-151S | Suction | 1.5 | 0.24 (34.8) | 145 (5.1) | 175 | 170 (6.7) | | | K1 | 1.5 | 295 | Woodwork, furniture, metal | | | | | | |
| W-101-151G | W-100-151G | Gravity | 1.5 | | | | 200 | 180 (7.1) | | | | | | ● | | | | | |
| W-101-152S | W-100-152S | Suction | 1.5 | | | | 225 (7.9) | 170 | 175 (6.9) | | | | | ● | | H2 | 1.5 | 295 | Automotive refinish, woodwork, furniture, metal |
| W-101-152G | W-100-152G | Gravity | 1.5 | | | | | | 190 | | | | 190 (7.5) | | | | | | |
| W-101-181S | W-100-181S | Suction | 1.8 | | | | 170 (6.0) | 210 | 170 (6.7) | | | | | | ● | N1 | 1.5 | 295 | Woodwork, furniture, metal |
| W-101-181G | W-100-181G | Gravity | 1.8 | | | | | | 240 | | | | 190 (7.5) | | | | | | |

● All models, spray distance: 200mm ● Paint viscosity: 22 sec. (20 sec./NK-2). * marked case: 16 sec. (12sec./NK-2) ● All models, fluid nipple: G1/4, air nipple: G1/4

W-101-131S/G

W-101-132S/G

W-101-134S/G

* Three kinds of air cap sets are prepared for W-101 type 1.3mm spray guns.

Thicker film in the center of pattern and thinner on both ends.

Film is more uniform and thinner on the whole.

Suitable for overlapping spray several times. A wide pattern of high atomization, uniform mist dispersion and film thickness even at a short spray distance.

Large type spray gun

W-200

① Lower atomizing air pressure and noise level

We have reduced air noise level during operation by about 5dB (A) by reducing atomizing air pressure (at gun handle) by 0.05 MPa, in addition to reduction of overspray.

② Improved atomization

W-200-122P is easy to spray at line painting for high atomization. New W-200-182S can be used in a wide field such as automotive refinish and woodwork.

W-200-152G
Gravity feed
PC-4
cup (option)



W-200-122P
Pressure feed



W-200-202S
Suction feed
PCL-10B-3
container (option)



| Model | Previous model | Type of feed | Fluid nozzle orifice φ mm | Atomizing air pressure MPa (psi) | Air consumption ℓ / min (cfm) | Fluid output ml / min. | Pattern width mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application | |
|------------|--------------------------|--------------|------------------------------|-------------------------------------|----------------------------------|---------------------------|----------------------------|------------------|---------------------|-----------------------|-------------------------------|-----------------|---|--|
| W-200-122P | W-87-12G2P W-90-12G2P | Pressure | 1.2 | 0.29 (42.7) | 560 (19.8) | 500 | 400 (15.7) | ● | | G2P | 2.2~3.7 | 380 (0.84) | Large workpieces and line painting such as large parts and vehicles | |
| W-200-151S | W-87-15K5S W-90-14J5S | Suction | 1.5 | | 200 (7.1) | 240 | 210 (10.3) | | ● | K1 | 0.75~1.5 | | Woodwork, furniture, metal | |
| W-200-151G | W-87-15K5G | Gravity | | | | 270 | 220 (8.7) | | | | | | | |
| W-200-152S | W-87-15K2S W-90-14J2S | Suction | 1.5 | | 330 (11.7) | 240 | 290 (11.4) | | | | | | 1.5~2.2 | Automotive refinish, woodwork, furniture (finish), plastic (top coat) |
| W-200-152G | W-87-15K2G | Gravity | | | | 270 | 320 (12.6) | ● | | K2 | | | | |
| W-200-182S | W-90-18N2S | Suction | 1.8 | | 260 (9.2) | 290 | 340 (13.4) | | | | | | 1.5~2.2 | Metal, woodwork, furniture, medium viscosity |
| W-200-201S | W-87-20R5S W-90-18N5S | Suction | 2.0 | | | 360 (12.7) | 350 | 260 (10.2) | | ● | R1 | | | |
| W-200-201G | W-87-20R5G | Gravity | | | 410 | | 280 (11.0) | | | | | | | |
| W-200-202S | W-87-20R2S | Suction | 2.0 | | 360 (12.7) | 350 | 290 (11.4) | | ● | | R2 | | 1.5~2.2 | Metal, woodwork, furniture, medium viscosity |
| W-200-202G | W-87-20R2G | Gravity | | | | 410 | 320 (12.6) | | | | | | | |
| W-200-251S | W-87-25W5S W-90-25W2S | Suction | 2.5 | | 360 (12.7) | 440 | 280 (11.0) | | | ● | W1 | | 1.5~2.2 | Metal, woodwork, furniture, anti-corrosion on steel frame, adhesives, high viscosity |
| W-200-251G | W-87-25W5G | Gravity | | | | 510 | 310 (12.2) | | | | | | | |

● All models, spray distance: 250mm ● Paint viscosity: 22 sec. (20 sec/NK-2). ● All models, fluid nipple: G3/8, air nipple: G1/4

Note) When you spray corrosive paints in a car maker or consumer electronics line (pressure feed) with a spray gun with large fluid output at high frequency, we prepare a fluid nozzle and fluid needle set made of anti-corrosive material.

Center cup gravity feed spray gun

LPH-80/LPH-300/W-300/LPH-400/W-400



Low pressure
Ultra small type
center cup gravity
feed spray gun
LPH-80
gravity feed
PCG-2D-1
cup (option)



General purpose
small type center
cup gravity
feed spray gun
W-300-132G
gravity feed
PCG-2P-2
cup (option)



Low pressure
small type center
cup gravity
feed spray gun
LPH-300-144LV
gravity feed
PCG-2P-2
cup (option)



General purpose
large type center
cup gravity
feed spray gun
W-400-142G
gravity feed
PCG-6P-M
cup (option)



Low pressure
large type center
cup gravity
feed spray gun
LPH-400-144LV
gravity feed
PCG-6P-M
cup (option)



New fluid nozzle mechanism
(No.3359771 LPH-300/400LV)

① Well-balanced center of gravity

- As cup is situated at the top of spray gun, well-balanced center of gravity assures good fit to human hand.
- Total weight is 15% lighter than previous models. (LPH/W-400)

② With well-dispersed mist, spray pattern is flat and thin.

- You can get uniform film of water borne or high-solid paints which have been considered difficult to paint up to now.

③ Environment-friendly spray gun

- LPH-300/400 are environment-friendly low air volume low pressure spray guns with high transfer efficiency and little overspray.
- W-400 has achieved high transfer efficiency despite being general purpose guns since atomizing air pressure (at gun handle) has been reduced by 0.05 MPa~0.15MPa compared to previous models.

④ Fluid filter is fitted as standard accessory.

- 60 mesh filter prevents dust. (PCG-6P-M/PCG-2P-2)

| Name | Model | Previous model | Type of feed | Fluid nozzle orifice φ mm | Atomizing air pressure MPa (psi) | Pressure in air cap MPa (psi) | Air consumption l/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application | |
|---|---------------|--|--------------|------------------------------|-------------------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------|------------------|---------------------|-----------------------|-------------------------------|--|--|--|
| Center cup gravity feed spray gun | W-300-081G | | Gravity | 0.8 | — | — | 80 (2.8) | 60 | 100 (3.9) | | ● | E1 | 0.4~0.75 | 320 (0.71) | Light industry hobby | |
| | W-300-101G | | | 1.0 | 0.24 (35.6) | — | 145 (5.1) | 100 | 130 (5.1) | | ● | K1 | 0.4~0.75 | | Automotive refin. woodwork furniture, metal, plastic | |
| | W-300-132G | | | 1.3 | — | — | 225 (7.9) | 160 | 175 (6.9) | ● | | H2 | 0.75~1.5 | | | |
| | W-400-122G | W-89-12K2G W-89-12K5G W-89-12R5G | | Gravity | 1.2 | 0.20 (28.5) | — | 280 (9.9) | 140 | 230 (9.1) | ● | | LV2 | 1.5~2.2 | 380 (0.84) | Automotive refin. (touch-ups~top coat) |
| | W-400-132G | | | | | 0.29 (42.7) | — | 370 (13.1) | 160 | 250 (9.8) | ● | | | | | |
| | W-400-142G | | | | 1.3 | 0.20 (28.5) | — | 280 (9.9) | 160 | 260 (10.1) | ● | | | | | |
| | | | | | | 0.29 (42.7) | — | 370 (13.1) | 200 | 300 (11.8) | ● | | | | | |
| | W-400-162G | W-89-15K2G W-89-15K5G W-89-15R5G | | | 1.4 | 0.20 (28.5) | — | 280 (9.9) | 210 | 280 (11.0) | ● | | | | | |
| | | | | | | 0.29 (42.7) | — | 370 (13.1) | 265 | 320 (12.6) | ● | | | | | |
| W-400-182G | W-89-20R5G | 1.6 | 0.20 (28.5) | | — | 280 (9.9) | 240 | 300 (11.8) | ● | | | | | | | |
| | | | 0.29 (42.7) | | — | 370 (13.1) | 310 | 340 (13.4) | ● | | | | | | | |
| W-400-251G | W-89-25W5G | 1.8 | 0.20 (28.5) | | — | 290 (10.2) | 320 | 280 (11.0) | | ● | LV1 | | | | | |
| | | | 0.29 (42.7) | — | 380 (13.4) | 400 | 320 (12.6) | | | | | | | | | |
| Low pressure center cup gravity feed spray gun | LPH-300-124LV | | Gravity | 1.2 | 0.1 (14.2) | 0.05 (7.1) | 200 (7.1) | 90 [※] | 210 (8.3) | ● | LV4 | 1.5~2.2 | 320 (0.71) | Automotive refin. (touch-ups~block painting) | | |
| | LPH-300-144LV | | | | | | | 130 [※] | 230 (9.1) | ● | | | | | | |
| | LPH-300-164LV | | | 1.6 | 0.13 (18.5) | 0.07 (10.0) | 240 (8.5) | 110 | 230 (9.1) | ● | | | | | | |
| | LPH-400-144LV | | | 1.4 | 0.11 (15.7) | 0.07 (10.0) | 270 (9.5) | 130 | 290 (11.4) | ● | | | | | | |
| | LPH-400-164LV | | | | | | | 150 | 300 (11.8) | ● | | | | | | |
| Low pressure ultra small type center cup gravity feed spray gun | LPH-80-042G | | Gravity | 0.4 | 0.09 (13.1) | 0.07 (10.0) | 50 (1.7) | 8 | 40 (1.5) | ● | E2 | 0.2~0.75 | 205 | Automotive refin. spot repair | | |
| | LPH-80-062G | | | | | | | 25 | 60 (2.3) | ● | | | | | | |
| | LPH-80-082G | | | | | | | 40 | 80 (3.1) | ● | | | | | | |
| | LPH-80-102G | | | | | | | 55 | 100 (3.9) | ● | | | | | | |
| | LPH-80-122G | | | | | | | 80 | 120 (4.7) | ● | | | | | | |

● Spray distance: 250mm for W-300 and W-400, and 200mm for LPH-300 and LPH-400 ● Paint viscosity: 22 sec. (20 sec/NK-2) ※ marked case: 16sec. (12sec/NK-2)
● As for W/LPH-400, fluid nipple M16x1.5 (male), air nipple G1/4. As for W/LPH-300, fluid nipple G1/4 (female), air nipple G1/4.

Waterborne paint spray gun

W-300WB/W-400WB

We are facing an environmental issue on a global basis today, especially in the automotive refinishing market, whose paint trend is changing from solvent borne paints to waterborne paints in order to address such an issue.

To meet the need for change in today's automotive refinishing market, these spray guns have been developed to create optimum atomization for waterborne paints with particular features.

Features:

1. Fluid nozzle design

The patented concave and slit design fluid nozzle can help to create a fine and even atomization with lower air pressure and air consumption for waterborne paints which have higher viscosity.

2. Special air cap

The specially designed air cap for specific waterborne paints can create a thin and even pattern.

3. Global recommendation

These spray guns are recommended by leading paint manufacturers throughout the world as the designated spray gun for their waterborne paints.



Waterborne paint spray gun
W-300WB-141G
gravity feed
PCG-2P-2
cup (option)



Waterborne paint spray gun
W-400WB-142G
gravity feed
PCG-6P-M
cup (option)



New fluid nozzle mechanism
(No.3359771 W-300WB/400WB)

| Name | Model | Type of feed | Fluid nozzle orifice φ mm (inch) | Atomizing air pressure MPa (psi) | Air consumption ℓ/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs.) | Application |
|----------------------------|--------------|--------------|-------------------------------------|-------------------------------------|--------------------------------|-------------------------|----------------------------|------------------|---------------------|-----------------------|-------------------------------|------------------|------------------------|
| Waterborne paint spray gun | W-300WB-141G | Gravity | 1.4 | 0.15 (21.8) | 190 (6.7) | 125 | 250 (9.8) | | ● | WB1 | 0.75~1.5 | 320 (0.71) | Automotive refinishing |
| | W-400WB-141G | | | 0.18 (26.1) | 230 (8.1) | 160 | 290 (11.4) | | WB1 | 1.5~2.2 | 380 (0.84) | | |
| | W-400WB-142G | | | 390 (13.8) | 300 (11.8) | | ● | WB2 | | | | | |

●All models, spray distance : 200mm ●Paint viscosity : 22 sec. (20 sec/NK-2)

●As for W-400WB, fluid nipple M16 X 1.5 (male) , air nipple G1/4. As for W-300WB fluid nipple G1/4 (female) , air nipple G1/4.

For Automotive Refinishing

B-Sho Series

"B-Sho series", spray gun series for automotive refinishing, was developed from our thorough research with the object of improving maneuverability and of forming a fine film. Our field research in how our customers use spray guns, and in what kind of conditions led us to realize, what types of spray gun were wanted in the automotive refinishing market. If you seek "more" for automotive refinishing than our popular spray guns, such as the W-101 Series (General spray guns) and the LPH-101 Series (Low pressure spray guns), then the "B-Sho" series is for you.

Lineup of Spray Guns for Automotive Refinishing

| | Touch-up paint | Block paint | Whole body paint |
|--|----------------|----------------------|------------------|
| Metallic / Pearl paint | W-50-124BPG | W-101-134BPG | ————— |
| | W-101-101 | W-101-134 or 132 | W-101-152 |
| | LPH-50 | LPH-101-144BPG | LPH-101-164LV |
| Solid / Clear paint | W-50-124BPG | W-101-142BPG | ————— |
| | W-101-101 | W-101-131 or 132 | W-101-152 |
| | LPH-50 | LPH-101-124 or 144LV | LPH-101-164LV |
| Primer surfacer / Anti-corrosion paint | ————— | W-101-162BPG | ————— |
| | W-101-131 | W-101-151 | W-101-181 |
| | LPH-101-124LV | LPH-101-144LV | LPH-101-164LV |

Settings for the first time use

The following chart contains standard settings for "B-Sho series".

| type | Air pressure (gauge) MPa | Fluid adj.knob (From full close) | Pattern adj.knob (From full close) | Air adj.knob (From full close) | Distance to the work mm |
|--------------|--------------------------|----------------------------------|------------------------------------|--------------------------------|-------------------------|
| W-101-134BPG | 0.2 | full open | 2 turns | 2 turns | 150~200 |
| W-101-142BPG | 0.25 | full open | 2.5 turns | 2.5 turns | 150~200 |
| W-50-124BPG | 0.15 | full open | 1.5 turns | 1.5 turns | 100~150 |
| | 0.20 | full open | 2 turns | 2 turns | 100~150 |

※1 The air pressure is the setting air pressure of Air transformer gauge when used with 10m air hose.

※2 All the number of turns of adj knobs are counted from zero,full close.

※3 W-50-124BPG Air pressure(gauge)

for metallic/pearl paint:0.15MPa for solid/clear paint:0.20MPa

| Model | Previous model | Types of feed | Fluid nozzle orifice φ mm | Atomizing air pressure ^{※1} MPa (psi) | Air Pressure in air cap MPa (psi) | Air consumption l/min (cfm) | Fluid output ml/min | Pattern width ^{※3} mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application |
|----------------|----------------|---------------|------------------------------|--|--------------------------------------|--------------------------------|------------------------|--|------------------|---------------------|-----------------------|-------------------------------|-----------------------|----------------------------------|
| W-50-124BPG | — | Gravity | 1.2 | 0.15 (22.8) | - | 70 (2.5) | 85 | 160 (6.3) | ● | | 50 | 0.4 | 185 (9.4) | Paint for Automotive refinishing |
| W-101-134BPG | W-100-134BPG | Gravity | 1.3 ^{※2} | 0.20 (29.0) | - | 160 (5.7) | 140 | 250 (9.8) | ● | | BP4 | 1.5 | 295 (0.7) | Metallic/pearl paint |
| LPH-101-144BPG | — | Gravity | 1.4 | 0.1 (14.2) | 0.05 (7.2) | 200 (7.1) | 130 | 220 | ● | | LPH BP4 | 1.5~2.2 | | Metallic/pearl paint |
| W-101-142BPG | W-100-142BPG | Gravity | 1.4 | 0.24 (34.8) | - | 230 (8.1) | 200 | 270 (10.6) | ● | | BP2 | 1.5 | Solid/clear paint | |
| W-101-162BPG | — | Gravity | 1.6 | 0.20 ^{※3} (29.0) 0.24 ^{※4} (34.8) | - | 210 (7.4) 230 (8.1) | 120 195 | 170 (6.7) 200 (7.9) | ● | | 162 BP2 | 1.5 | Primer/surfacer paint | |

※1 Atomizing air pressure is pressure readings at hand.

※2 The fluid nozzle for W-101-134BPG is incompatible.

※3 Paint viscosity is 40 sec. (40sec./NK-2) for primer surfacer paints.

※4 Paint viscosity is 22 sec. (20sec./NK-2).

Note) Paint viscosity is 12 seconds that is measured by NK-2 viscosity meter using automotive refinishing paint.

B-Sho series GOLD

"GOLD for metallic/pearl paint"

- Less darkening of the coating by reducing scatterings.
- Realizes high atomization with low pressure.
- Less paint adhesion to the air cap.



W-101-134BPG

"LVLP GOLD"

- Optimal atomization in low volume , low pressure per new fluid nozzle.
- Improving working environment by less over spray.
- Reducing working process for example minimal masking area.



LPH-101-144BPG



New fluid nozzle mechanism
(No.3359771)

B-Sho series SILVER

"SILVER for solid/clear paint"

- The film is thicker in the middle, therefore you can make thick and shiny coating easily.
- The film is thinner on both ends, and that reduces uneven coating.

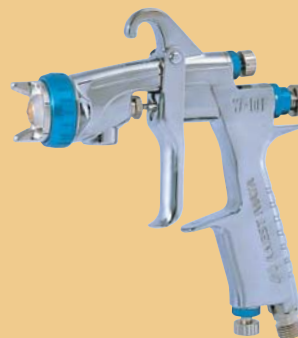


W-101-142BPG

B-Sho series B.B.

"Exclusive spray guns for base coat process"

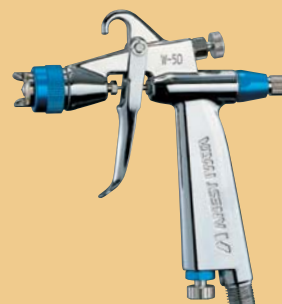
- Fluid needle is quenched to increase its strength in the same as with pressure feed type.
- Fluid nozzle orifice suitable for base coat paints, stable paint particles and stable spray pattern have reduced spitting and shortened polishing time.



W-101-162BPG

"Exclusive spray guns for small area and top coating"

- Less darkening of the coating by reducing scatters.
- Realizes high atomization with low pressure.
- Less paint adhesion to the air cap.



W-50-124BPG

Automotive Refinishing Spray Gun

kiwami SERIES

This series is specialized for today's eco friendly paint such as 1K low solvent base coat and high solid clear etc. Today's eco friendly paint has higher coverage capability so that coverage is completed with less passes by the painter, and contains lower VOC. To bring out these paint features maximally, this series can offer exceptional wet coat coverage by utilizes it's flat & wide pattern.



[base]



[clear]



**W101-138BGC /
W101-148BGC**

Item

| Application | BASE COAT | CLEAR COAT | |
|--------------|-------------------|-------------|-------------|
| Model | W101-138BGC | W101-148BGC | |
| Set Includes | Spray gun | W-101-138BG | W-101-148BG |
| | Cap | PC-400S-2LF | PC-400S-2LF |
| | Other accessories | Spanner | Spanner |

Specifications

| Model | fluid nozzle orifice | Atomizing air pressure | Air consumption | Pattern adj.knob | Fluid output | Pattern width | Applied air cap model | Required air compressor | Mass |
|------------------------|----------------------|------------------------|-----------------|---------------------|--------------|---------------|-----------------------|-------------------------|------|
| | mm | MPa | ℓ /min | From full close | m ℓ /min | mm | | kw | g |
| [BASE] W-101-138BG | φ1.3 | 0.20 | 230 | 2.5 turns (usual) | 150 | 220 | B8 | 1.5~2.2 | 295 |
| | | | | 6 turns (full open) | 185 | 260 | | | |
| [CLEAR] W-101-148BG | φ1.4 | 0.20 | 230 | 2.5 turns (usual) | 160 | 225 | B8 | 1.5~2.2 | 295 |
| | | | | 6 turns (full open) | 200 | 275 | | | |

●Spray distance is 200mm ●Paint viscosity is 12sec.(12sec/NK-2) ●As for W/LPH-101, fluid nipple G1/4 (female), air nipple G1/4.
※1 The number of turns of fluid adj knob is counted from zero, full close. (Pattern and Air adj. Knobs are full open)
※2 Cup is PC-400S-2LF. (400ml, Stainless, Free-angle)

W101-136BGC / W-101-136BG

Item

| fluid nozzle orifice | φ1.3 | |
|----------------------|-------------------|-------------|
| Model | W101-136BGC | |
| Set Includes | Spray gun | W-101-136BG |
| | Cap | PC-400S-2LF |
| | Other accessories | Spanner |

Specifications

| Model | fluid nozzle orifice | Atomizing air pressure | Air consumption | Pattern adj.knob | Fluid output | Pattern width | Applied air cap model | Required air compressor | Mass |
|-------------|----------------------|------------------------|-----------------|---------------------|--------------|---------------|-----------------------|-------------------------|------|
| | mm | MPa | ℓ /min | From full close | m ℓ /min | mm | | kw | g |
| W-101-136BG | φ1.3 | 0.20 | 230 | 3 turns (usual) | 170 | 245 | B6 | 1.5~2.2 | 295 |
| | | | | 6 turns (full open) | 190 | 260 | | | |

●Spray distance is 200mm ●Paint viscosity is 12sec.(12sec/NK-2)
●As for W/LPH-101, fluid nipple G1/4 (female), air nipple G1/4.
※1 The number of turns of fluid adj knob is counted from zero, full close. (Pattern and Air adj. Knobs are full open)
※2 Cup is PC-400S-2LF. (400ml, Stainless, Free-angle)



Optimized 'kiwami' SERIES model by paint manufacture.



We created "A ultimate tool" by making improvement and referring to the advice of paint manufactures' field support members who are working on the flont line of refinish coating.

Nozzle chart of Kansai Paint

This gun is optimized for "Retain PG Hyblid Eco/HS system" from standard 'kiwami series.



Hybrid

RETAN PG HYBRID ECO

W101-136KPGC / W101-146KPGC



Item

| | | | |
|----------------------|-------------------|--------------|--------------|
| fluid nozzle orifice | | φ1.3 | φ1.4 |
| Model | | W101-136KPGC | W101-146KPGC |
| Set includes | Spray gun | W-101-136KPG | W-101-146KPG |
| | Cap | PC-400S-2LF | PC-400S-2LF |
| | Other accessories | Spanner | Spanner |

Specifications

| Model | Type of feed | fluid nozzle orifice | Atomizing air pressure | Air consumption | Pattern adj.knob | Fluid output | Pattern width | Applied air cap model | Required air compressor | Mass |
|--------------|--------------|----------------------|------------------------|-----------------|---------------------|--------------|---------------|-----------------------|-------------------------|------|
| | | mm | MPa | ℓ / min | From full close | m ℓ / min | mm | | | |
| W-101-136KPG | Gravity | Φ1.3 | 0.20 | 200 | 3 turns (usual) | 140 | 220 | KP5 | 1.5~2.2 | 295 |
| | | | | | 6 turns (full open) | 165 | 240 | | | |
| W-101-146KPG | Gravity | Φ1.4 | 0.20 | 200 | 3 turns (usual) | 150 | 225 | KP5 | 1.5~2.2 | 295 |
| | | | | | 6 turns (full open) | 170 | 245 | | | |

●Spray distance is 200mm ●Paint viscosity is 12sec. (12sec/NK-2) ●As for W/LPH-101, fluid nipple G1/4 (female), air nipple G1/4.
 ※1The number of turns of fluid adj knob is counted from zero, full close. (Pattern and Air adj. Knobs are full open)
 ※2 Cup is PC-400S-2LF. (400ml, Stainless, Free-angle)

Nozzle chart of Nippon Paint

This gun is optimized for "Nax Real e3 System" from standard 'kiwami series.



REAL
one-pack type acrylic resin basecoat

W101-136NPGC / W101-146NPGC



Item

| | | | |
|----------------------|-------------------|--------------|--------------|
| fluid nozzle orifice | | φ1.3 | φ1.4 |
| Model | | W101-136NPGC | W101-146NPGC |
| Set includes | Spray gun | W-101-136NPG | W-101-146NPG |
| | Cap | PC-400S-2LF | PC-400S-2LF |
| | Other accessories | Spanner | Spanner |

Specifications

| Model | Type of feed | fluid nozzle orifice | Atomizing air pressure | Air consumption | Pattern adj.knob | Fluid output | Pattern width | Applied air cap model | Required air compressor | Mass |
|--------------|--------------|----------------------|------------------------|-----------------|---------------------|--------------|---------------|-----------------------|-------------------------|------|
| | | mm | MPa | ℓ / min | From full close | m ℓ / min | mm | | | |
| W-101-136NPG | Gravity | Φ1.3 | 0.15 | 160 | 3 turns (usual) | 115 | 155 | NP5 | 1.5~2.2 | 295 |
| | | | | | 6 turns (full open) | 120 | 165 | | | |
| W-101-146NPG | Gravity | Φ1.4 | 0.15 | 160 | 3 turns (usual) | 115 | 155 | NP5 | 1.5~2.2 | 295 |
| | | | | | 6 turns (full open) | 120 | 165 | | | |

●Spray distance is 150mm ●Paint viscosity is 11sec. (12sec/NK-2) ●As for W/LPH-101, fluid nipple G1/4 (female), air nipple G1/4.
 ※1The number of turns of fluid adj knob is counted from zero, full close. (Pattern and Air adj. Knobs are full open)
 ※2 Cup is PC-400S-2LF. (400ml, Stainless, Free-angle)

Super NOVA™ SERIES WS-400

ANEST IWATA, acclaimed world leader in spray painting technology and innovative paint application, has launched the next generation of gravity spray guns: the WS400. This new, superior model takes spraying modern water based basecoats and HS clear coats to another level, and the W range of guns to an unsurpassed level in gravity gun technology.

DESIGN

PININFARINA, the Italian design house renowned for some of history's top car designs, has worked closely with ANEST IWATA to produce a gun that combines elegance with the ultimate in spray gun design.

designed by *pininfarina*



PERFORMANCE

The SUPERNOVA delivers a consistent droplet size when atomizing which, when combined with its flat and even fan pattern, helps reduce common issues such as boil and pin holing on HS clear coats. These problems occur as a result of too much clear coat in one area, caused by centre heavy fan patterns.



Quick and easy release cap



No need for a removable baffle on the front of the gun, which means fewer spare parts! The air cap has a larger thread, making it both robust and easy to remove and has been designed with low maintenance in mind. The new, larger slots in the air cap ring facilitate quick removal and refitting after cleaning.

Precise settings

SUPERNOVA is equipped with high precision adjustment controls for setting air, fluid and fan pattern. Moreover, the carefully designed grip gives the professional painter an easy feel, even when wearing latex gloves.

Base coat and Clear coat optimised spray design

Ideal for waterborne base coats and HS clear paints, WS400 has two specially designed nozzle and needle sets, to give you optimal control during base and clear applications. This, combined with the flat and thin fan patterns, gives the professional painter the control and performance required in a fast throughput environment.



ACCESSORIES



Local pressure gauge
AJR-02S-VG

Set Includes

| | |
|----------------------|------------|
| Spray gun | WS-400 各種 |
| Cap | PC-G600P-2 |
| Local pressure gauge | AJR-02S-VG |
| Other accessories | Spanner |

Specifications

| Model | fluid nozzle orifice | Atomizing air pressure Mpa | Air consumption ℓ / min | Fluid output ml / min | Pattern width※1 mm | Pattern width※2 mm | Applied air cap model | Mass g |
|-----------------|----------------------|----------------------------|-------------------------|-----------------------|--------------------|--------------------|-----------------------|-------------------------------------|
| WS-400-1301B-S1 | Φ1.3 | 0.2 | 370 | 140 | 260 | 365 | 01 | 645 (with cup) 425 (without cup) |
| WS-400-1301C-S1 | Φ1.3 | | | 170 | 260 | 365 | | |
| WS-400-1401B-S1 | Φ1.4 | | | 170 | 260 | 365 | | |
| WS-400-1401C-S1 | Φ1.4 | | | 190 | 260 | 370 | | |
| WS-400-1301BHS1 | Φ1.3 | | | 220 | 265 | 365 | | |
| WS-400-1301CHS1 | Φ1.3 | | | 220 | 265 | 365 | | |
| WS-400-1401BHS1 | Φ1.4 | | | 240 | 270 | 370 | | |
| WS-400-1401CHS1 | Φ1.4 | | | 240 | 270 | 370 | | |
| WS-400-1501BHS1 | Φ1.5 | | | 260 | 275 | 370 | | |
| WS-400-1501CHS1 | Φ1.5 | | | 260 | 275 | 370 | | |

• Spray distance : 130mm (※1), 200mm (※2), Paint viscosity : 20 sec/NK-2
• Air nipple : G1/4B (male)
• Accessories : Cup (600ml, Plastic), Spanner

Small and medium spray guns

W-71/W-61/W-77

● Delivery conditions of these models will be longer in some cases.



W-71-1S
suction feed
PCL-10B-2
container
(option)



W-61-3G
gravity feed
PC-4S
cup (option)



W-77-02
pressure
feed

How to read model names

Ex. **W-77-21G**

Type of feed G : Gravity type
S : Suction type
1. 2. 3. general purpose
11. 12. 31. high quality painting
0 (zero) mass production painting
gun body W71, W61 : small
W77 : medium

| Model | Type of feed | Fluid nozzle orifice φ mm | Spray distance mm (inch) | Atomizing air pressure MPa (psi) | Air consumption ℓ / min (cfm) | Fluid output ml / min. | Pattern width mm (inch) | Required air compressor kW | Mass g (lbs) | Standard container or cup | | | | | |
|--|---|------------------------------|-----------------------------|-------------------------------------|----------------------------------|---------------------------|----------------------------|-------------------------------|-----------------|----------------------------------|-----------|---|---|------------|------------|
| Small spray guns | W-71-0 W-71-02 | Pressure | 0.8 | 200 (7.9) | 0.34 (49.8) | 240 (8.5) | 200 | 190 (7.5) | 1.5 | Paint tank, diaphragm paint pump | | | | | |
| | | | 1.0 | | | 230 (8.1) | 300 | 265 (10.4) | | | | | | | |
| | W-71-1S W-71-2S W-71-3S W-71-21S W-71-31S W-71-4S | Suction | 1.0 | | 0.29 (42.7) | 75 (2.6) | 95 | 100 (3.9) | 0.4 | | 0.75 | Container PC-1S (1000 ml) PC-2 (600 ml) PC-3 (400 ml) PCL-10B-2 (1000 ml) PCL-7B-2 (700 ml) | | | |
| | | | 1.3 | | | 85 (3.0) | 135 | 135 (5.3) | | | | | | | |
| | | | 1.5 | | | 165 (5.8) | 180 | 170 (6.7) | | | | | | | |
| | | | 1.3 | | | 195 (6.9) | 140 | 155 (6.1) | | | | | | | |
| | | | 1.5 | | | 230 (8.1) | 170 | 170 (6.7) | | | | | | | |
| | | | 1.8 | | | 230 (8.1) | 195 | 195 (7.7) | | | | | | | |
| | W-71-1G W-71-2G W-71-3G W-71-21G W-71-31G W-71-4G | Gravity | 1.0 | | 0.34 (49.8) | 75 (2.6) | 110 | 120 (4.7) | 0.4 | | 0.75 | Side mount cup PC-4S (400 ml) PC-5 (250 ml) PCG-6P-2 (600 ml) PC-51 (220 ml) (stainless steel) PC-61 (130 ml) (stainless steel) PC-150S-2LF PC-400S-2LF PC-250S-2LF | | | |
| | | | 1.3 | | | 85 (3.0) | 155 | 155 (6.1) | | | | | | | |
| | | | 1.5 | | | 165 (5.8) | 210 | 185 (7.3) | | | | | | | |
| | | | 1.3 | | | 195 (6.9) | 160 | 165 (6.5) | | | | | | | |
| | | | 1.5 | | | 230 (8.1) | 190 | 185 (7.3) | | | | | | | |
| | | | 1.8 | | | 230 (8.1) | 220 | 220 (8.7) | | | | | | | |
| W-61-0 W-61-1S W-61-2S W-61-3S W-61-1G W-61-2G W-61-3G | W-61-0 W-61-1S | Pressure | 0.8 | 200 (7.9) | 0.34 (49.8) | 200 (7.1) | 200 | 190 (7.5) | 1.5 | Paint tank, diaphragm paint pump | | | | | |
| | | | 1.0 | | | 75 (2.6) | 95 | 100 (3.9) | | | | | | | |
| | W-61-2S W-61-3S | Suction | 1.3 | | 0.29 (42.7) | 85 (3.0) | 135 | 135 (5.3) | 0.4 | | 0.75 | Container PC-3 (400 ml) PC-1S (1000 ml) PCL-10B-2 (1000 ml) PC-2 (600 ml) PCL-7B-2 (700 ml) | | | |
| | | | 1.5 | | | 150 (5.3) | 160 | 185 (7.3) | | | | | | | |
| | | | 1.0 | | | 75 (2.6) | 110 | 120 (4.7) | | | | | | | |
| | W-61-1G W-61-2G W-61-3G | Gravity | 1.3 | | 0.34 (49.8) | 85 (3.0) | 155 | 155 (6.1) | 0.4 | | 0.75 | Side mount cup PC-4S (400 ml) PC-5 (250 ml) PC-51 (220 ml) (stainless steel) PC-61 (130 ml) (stainless steel) PC-150S-2LF PC-400S-2LF PC-250S-2LF | | | |
| | | | 1.5 | | | 150 (5.3) | 190 | 220 (8.7) | | | | | | | |
| 1.8 | | | 150 (5.3) | 190 | | 220 (8.7) | | | | | | | | | |
| Medium spray guns | W-77-0 W-77-02 | Pressure | 1.2 | 250 (9.8) | 0.34 (49.8) | 430 (15.2) | 480 | 445 (17.5) | 2.2~3.7 | Paint tank, diaphragm paint pump | | | | | |
| | | | 1.5 | | | 420 (14.8) | 480 | 400 (15.7) | | | | | | | |
| | W-77-1S W-77-11S W-77-12S W-77-2S W-77-21S | Suction | 1.5 | | 0.34 (49.8) | 180 (6.4) | 255 | 210 (8.2) | 260 (10.2) | | 230 (9.1) | 0.75~1.5 1.5~2.2 2.2~3.7 | Container PC-1 (1000 ml) PCL-10B-3 (1000 ml) PCL-7B-3 (700 ml) PC-19R (1000 ml) | | |
| | | | 2.0 | | | 250 (8.8) | | | | | | | | 345 | 255 (10.0) |
| | | | 2.5 | | | 340 (12.0) | | | | | | | | 350 | 270 (10.6) |
| | | | 2.5 | | | 325 (11.5) | | | | | | | | 435 | 280 (11.0) |
| | | | 1.5 | | | 180 (6.4) | | | | | | | | 285 | 230 (9.1) |
| | 2.0 | 290 (10.2) | 285 | | 290 (11.4) | 1.5~2.2 | | | | | | | | | |
| | W-77-1G W-77-11G W-77-12G W-77-2G W-77-21G W-77-3G | Gravity | 1.5 | | 0.34 (49.8) | 370 (13.1) | 390 | 255 (10.0) | 290 (11.4) | | 220 (8.7) | 1.5~2.2 2.2~3.7 1.5 1.5~2.2 | Side mount cup PCG-6P-3 (600 ml) PC-4 (400 ml) | | |
| | | | 2.0 | | | 250 (8.8) | | | | | | | | 290 (11.4) | 1.5 |
| | | | 2.5 | | | 340 (12.0) | | | | | | | | 335 (13.2) | 1.5~2.2 |
| | | | 2.5 | | | 325 (11.5) | | | | | | | | 485 | 330 (13.0) |

● W-71, W-61, fluid nipple: G1/4 (PF1/4), air nipple: G1/4 (PF1/4); W-77, fluid nipple: G3/8 (PF3/8), air nipple: G1/4 (PF1/4)

Automatic spray guns

Spray guns for mass production which are used with automatic painting equipment, reciprocators or painting robots

LPA-101
Compact type
low pressure
automatic gun



LPA-200
Large type
low pressure
automatic gun



WA-200
Large type
automatic gun



SGA-101
Mini type
automatic gun
(air piston type)
for intermittent
painting



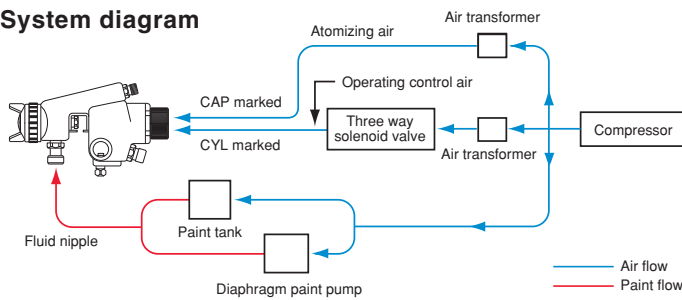
WA-101
Compact type
automatic gun

WA-101R
Round pattern
automatic gun



WA-0609
internal coating
automatic gun

System diagram



| Model | Length of extension nozzle (A) | Pipe dia | Pattern curve degree (θ) |
|---------|--------------------------------|----------|--------------------------|
| WA-1218 | 180mm | 12mm | about 19° |
| WA-0915 | 150mm | 9mm | about 14° |
| WA-0609 | 90mm | 6mm | about 4° |

Compact type high performance automatic guns

- ① You can change and remote control pattern width during painting by controlling center air and horn air independently, resulting in reduced overspray.
- ② You can circulate paints such as metallic paints which deposit in a short time.
- ③ Compact gun body needs small installation space and can be used with automatic painting equipment including painting robot.

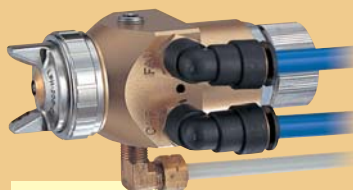
[Caution]

- ① As this automatic gun has no built-in air valve, refer to system diagram on the right.
- ② Joints are available on the market.

WRA-101
Compact type

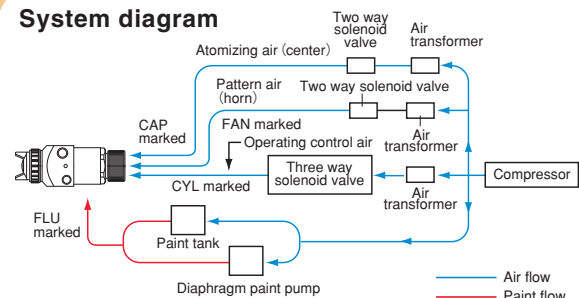


WRA-200
Large type



LRA-200
low pressure

System diagram

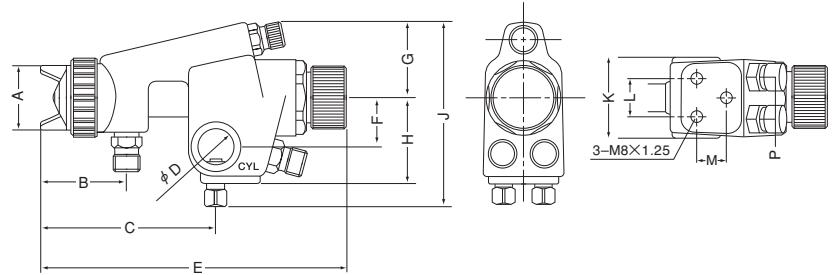


| | Model | Name | Type of feed | Fluid nozzle orifice Φ mm | Spray distance mm (inch) | Air pressure at gun inlet MPa (psi) | Air pressure in air cap MPa (psi) | Air consumption ℓ/min (cfm) | Fluid output mℓ/min. | Pattern width mm (inch) | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application | | | |
|-------------------------------|-------------------|------------------|--------------|------------------------------|-----------------------------|--|--------------------------------------|--------------------------------|-------------------------|----------------------------|-----------------------|-------------------------------|-----------------|--|--|--------------------------------|------------------|
| General purpose automatic gun | SGA-101 | Compact | Pressure | 1.0 | — | 0.24 (35.6) | — | 80 (2.8) | — | — | E1 | 0.4~ | 270 (0.59) | Mold release agents, water borne solvent | | | |
| | WA-101-082P (V) | Small | | 0.8 | 200 (7.9) | 0.29 (42.7) | — | — | 270 (9.5) | 150 | 190 (7.5) | E2P | 1.5~ | 460 (1.01) | Small workpieces | | |
| | WA-101-101P (V) | | | 90 (3.2) | | | | | | | 100 | 140 (5.5) | E1 | | 0.75~ | Small fluid output | |
| | WA-101-102P (V) | | | 270 (9.5) | | | | | | | 200 | 220 (8.7) | E2P | | 1.5~ | 460 (1.01) | Small workpieces |
| | WA-101-132P (V) ※ | | | 260 (9.2) | | | | | | | 250 | 230 (9.1) | H2 | | | | |
| | WA-200-122P (V) | Large | | 1.2 | 250 (9.8) | 0.29 (42.7) | — | — | 530 (18.7) | 500 | 400 (15.7) | G2P | 2.2~ | 500 (1.1) | Large workpieces | | |
| | WA-200-152P ※ | | | 330 (11.7) | | | | | | | 270 | 340 (13.4) | | | | K2 | |
| | WA-200-202P ※ | | | 360 (12.7) | | | | | | | 400 | 320 (12.6) | | | | R2 | |
| | WA-200-251P ※ | | | 500 | | | | | | | 330 (13.0) | W1 | | | | | |
| | WA-101R-05P (V) | Round pattern | | Pressure | 0.5 | 200 (7.9) | — | — | 40 (1.4) | 20 | 35 (1.4) | — | 0.2~0.4 | 440 (0.97) | Small workpieces, touch-ups | | |
| | WA-1218 | Internal coating | | Pressure (Gravity) | 0.6 | 200 (7.9) | 0.29 (42.7) | — | — | 73 (2.6) | 17 | 48 (1.9) | — | 0.4 | 555 (1.22) | Internal coating of small tube | |
| | WA-0915 | | | | 55 (1.9) | | | | | | | 9 | 36 (1.4) | | — | | 510 (1.12) |
| | WA-0609 | | | | 48 (1.7) | | | | | | | 6 | 32 (1.3) | | — | | 475 (1.05) |
| | WA-200-201ZP | Ceramic | | Pressure | 2.0 | 250 (9.8) | 0.34 (49.8) | — | 500 (17.7) | 760 | 370 (14.6) | R1Z | 2.2~3.7 | 500 (1.1) | Ceramic enamels, abrasives similarly abrasive fluids | | |
| WA-200-251ZP | 500 | | R1Z | | | | | | | | | | | | | | |
| Low pressure automatic gun | LPA-101-101P (V) | Small | Pressure | 1.0 | 200 (7.9) | 0.26 (38.4) | 0.07 (10.0) | 430 (15.2) | 150 | 200 (7.9) | E1 | 2.2~3.7 | 460 (1.01) | Small workpieces | | | |
| | LPA-200-122P (V) | Large | | 1.2 | 200 (7.9) | 0.20 (28.4) | | 500 (17.7) | 500 | 300 (11.8) | G2 | | 500 (1.1) | Large workpieces | | | |
| Mounted on robot | WRA-101-082P (V) | Small | Pressure | 0.8 | 200 (7.9) | Atomizing air 0.26 (38.4) Pattern air 0.22 (31.3) | — | 270 (9.5) | 150 | 190 (7.5) | E2P | 1.5 | 300 (0.66) | Small workpieces | | | |
| | WRA-200-122P (V) | Large | | 1.2 | 250 (9.8) | 0.24 (34.1) 0.26 (38.4) | | 500 | 530 (18.7) | 400 (15.7) | G2P | | 2.2~3.7 | 325 (0.72) | Large workpieces | | |
| | LRA-200-122P (V) | Low pressure | | | 200 (7.9) | 0.14 (19.9) 0.16 (22.8) | | | 0.07 (10.0) | 500 (17.7) | 300 (11.8) | | | | | G2 | |

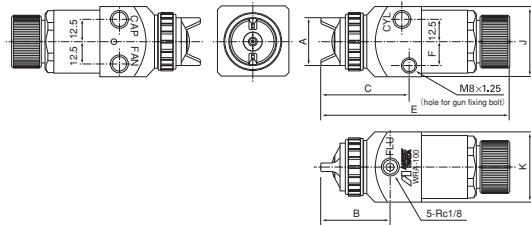
Note) ※marked WA-101 and 200 models are used as either gravity feed or suction feed. (Fluid output shows gravity feed type)
Regarding (V) marked models, you can select them equipped with locknut type fluid adj. set (stepless adj. system).
Fluid nipple: G1/4 for WA-101/LPA-101 and G3/8 for WA-200/LPA-200.
Air nipple: G1/4 for all models but WRA and LRA are without both fluid and air nipples.

Automatic spray guns

Fitting dimensions (mm)



Dimensional drawing for WRA and LRA



| Model | A | B | C | D (Φ) | E | F | G | H | J | K | L | M | P |
|---------|------|------|------|-------|-------|------|----|------|----|----|----|------|----|
| WA-101 | 27 | 44.5 | 85.5 | 16 | 147 | 23.5 | 36 | 40.5 | 86 | 38 | 18 | 14.5 | 20 |
| WA-101R | 27 | 37.5 | 79 | 16 | 140.5 | 23.5 | 35 | 40.5 | 85 | 38 | 18 | 14.5 | 20 |
| WA-200 | 30.5 | 47.5 | 89 | 16 | 148.5 | 23.5 | 36 | 40.5 | 86 | 38 | 18 | 14.5 | 20 |
| LPA-101 | 27 | 47 | 88.5 | 16 | 150 | 23.5 | 36 | 40.5 | 86 | 38 | 18 | 14.5 | 20 |
| LPA-200 | 30.5 | 47.5 | 89 | 16 | 148.5 | 23.5 | 36 | 40.5 | 86 | 38 | 18 | 14.5 | 20 |
| WRA-101 | 27 | 40 | 51 | — | 109 | 14.5 | — | — | 40 | 40 | — | — | — |
| WRA-200 | 30.5 | 48 | 56 | — | 111 | 14.5 | — | — | 40 | 40 | — | — | — |
| LRA-200 | 30.5 | 48 | 56 | — | 111 | 14.5 | — | — | 40 | 40 | — | — | — |
| SGA-101 | 27 | — | 34 | 10 | — | 34 | — | — | — | — | — | — | — |
| WA-1218 | 12 | — | 266 | 16 | — | 23.5 | — | — | — | — | — | — | — |
| WA-0915 | 9 | — | 235 | 16 | — | 23.5 | — | — | — | — | — | — | — |
| WA-0609 | 6 | — | 175 | 16 | — | 23.5 | — | — | — | — | — | — | — |

Position to attach gun stay differs from the above drawing.

Diaphragm paint pump with elevated stand

- Stand type which can move pump itself upwards or downwards. It is easy to replenish paint.
- Most suitable when you supply paints to multiple color painting line by placing several sets in a row.

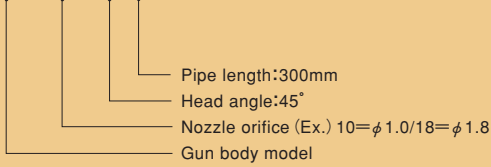
DPS-90LE Paint tank would not be attached in product. Agitator would be provided as option item.

Extension nozzle gun

For painting internal surfaces of pipes and other hard-to-reach places.

How to read model names

Ex. LW-10B-4530



LW-10B-0030

LW-18B-9015
PC-17R
Pressure feed container (option)

| Model | Previous model | Fluid nozzle orifice φmm | Applied air cap | Type of atomization | Atomizing air pressure MPa (psi) | Fluid output ml/min. | Spray distance mm (inch) | Head angle ° | Pipe length mm (inch) | Air consumption l/min (cfm) | Pattern width mm (inch) | Mass g (lbs) | | | | | | | | | | | | | | | | | | |
|-------------|----------------|--------------------------|-----------------|---------------------|----------------------------------|----------------------|--------------------------|--------------|-----------------------|-----------------------------|-------------------------|--------------|------------------|-------------|-----|------------|------------------|-------------|-----------|-----------|------------|------------------|-------------|-----|------------|-----------|------------|-----------|-----------|------------|
| LW-10B-0015 | L88-0015 | 1.0 | E1 | Fan pattern only | 0.29 (42.7) | 150 | 200 (7.9) | 0 | 150 (5.9) | 90 | 175 (6.9) | 520 (1.14) | | | | | | | | | | | | | | | | | | |
| LW-10B-0030 | L88-0030 | | | | | | | | 300 (11.8) | | | | | | | | | | | | | | | | | | | | | |
| LW-10B-0050 | L88-0050 | | | | | | | | 500 (19.7) | | | | | | | | | | | | | | | | | | | | | |
| LW-10B-4515 | L88-4515 | | | | | | | 1.8 | N1 | | | | Fan pattern only | 0.34 (49.8) | 250 | 250 (19.8) | 45 | 150 (5.9) | 210 (7.4) | 185 (7.3) | 570 (1.25) | | | | | | | | | |
| LW-10B-4530 | L88-4530 | | | | | | | | | | | | | | | | | 300 (11.8) | | | | | | | | | | | | |
| LW-10B-4550 | L88-4550 | | | | | | | | | | | | | | | | | 500 (19.7) | | | | | | | | | | | | |
| LW-10B-9015 | L88-9015 | | | | | | | | | | | | | | | | 1.0 | E1 | | | | Fan pattern only | 0.29 (42.7) | 150 | 200 (7.9) | 90 | 150 (5.9) | 90 | 175 (6.9) | 570 (1.25) |
| LW-10B-9030 | L88-9030 | | | | | | | | | | | | | | | | | | | | | | | | | | 300 (11.8) | | | |
| LW-10B-9050 | L88-9050 | | | | | | | | | | | | | | | | | | | | | | | | | | 500 (19.7) | | | |
| LW-18B-0015 | (L87-0015) | 1.8 | N1 | Fan pattern only | 0.34 (49.8) | 250 | 250 (19.8) | | | 0 | 150 (5.9) | 210 (7.4) | | | | | | | | | | | | | | 185 (7.3) | 520 (1.14) | | | |
| LW-18B-0030 | (L87-0030) | | | | | | | | | | 300 (11.8) | | | | | | | | | | | | | | | | | | | |
| LW-18B-0050 | (L87-0050) | | | | | | | | | | 500 (19.7) | | | | | | | | | | | | | | | | | | | |
| LW-18B-4515 | (L87-4515) | | | | | | | 1.0 | E1 | Fan pattern only | 0.29 (42.7) | | 150 | 200 (7.9) | 45 | 150 (5.9) | | | 90 | 175 (6.9) | 570 (1.25) | | | | | | | | | |
| LW-18B-4530 | (L87-4530) | | | | | | | | | | | | | | | 300 (11.8) | | | | | | | | | | | | | | |
| LW-18B-4550 | (L87-4550) | | | | | | | | | | | | | | | 500 (19.7) | | | | | | | | | | | | | | |
| LW-18B-9015 | (L87-9015) | | | | | | | | | | | | | | 1.8 | N1 | Fan pattern only | 0.34 (49.8) | | | | 250 | 250 (19.8) | 90 | 150 (5.9) | | | 210 (7.4) | 185 (7.3) | 640 (1.41) |
| LW-18B-9030 | (L87-9030) | | | | | | | | | | | | | | | | | | | | | | | | 300 (11.8) | | | | | |
| LW-18B-9050 | (L87-9050) | | | | | | | | | | | | | | | | | | | | | | | | 500 (19.7) | | | | | |

● Type of feed: pressure feed ● All models, fluid nipple: G1/4, air nipple: G1/4

Ceramic spray gun

Both fluid nozzles and tips of fluid needles are made of tungsten carbide.

WA-200-ZP
automatic
gun



W-200-ZP
hand gun



| Model | Fluid nozzle orifice φmm | Air consumption l/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | Applied air cap | Required air compressor kW | Mass g (lbs) |
|--------------|--------------------------|-----------------------------|----------------------|-------------------------|-----------------|----------------------------|--------------|
| WA-200-201ZP | 2.0 | 500 (17.7) | 760 | 370 (14.6) | R1Z | 2.2~3.7 | 500 (1.1) |
| WA-200-251ZP | 2.5 | | | | | | |
| W-200-201ZP | 2.0 | 500 (17.7) | 760 | 370 (14.6) | R1Z | 2.2~3.7 | 390 (0.86) |
| W-200-251ZP | 2.5 | | | | | | |

● Type of feed: pressure feed ● Spray distance: 250mm (19.8 inch)
● Atomizing air pressure: 0.34MPa (3.5kgf/cm²/50psi) ● Pattern shape: straight
● Fluid nipple: G3/8 (PF3/8), air nipple: G1/4 (PF1/4)

● Usage
Most suitable for spraying ceramic enamels, abrasives and similarly abrasive fluids.

Round pattern gun

Most suitable for spraying miniature models, cloth prints, arts and crafts, do-it-yourself items, dyes, etc.



RG-3L
PC-51
cup
(option)

| Model | Previous model | Type of feed | Fluid nozzle orifice φ mm | Spray distance mm (inch) | Atomizing air pressure MPa (psi) | Air consumption l/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | Required air compressor kW | Standard cup | Mass g (lbs) |
|---------|----------------|--------------|------------------------------|-----------------------------|-------------------------------------|--------------------------------|-------------------------|----------------------------|-------------------------------|--|------------------------|
| RG-3L-1 | RG-2-1 | Gravity | 0.4 | 200 (7.9) | 0.24 (35.6) | 30 (1.1) | 15 | 25 (1.0) | 0.2~0.75 | Gravity feed cup PC-51 (220ml) PC-61 (130ml) | 180~200 (0.40~0.44) |
| RG-3L-2 | RG-2-2 | | 0.6 | | | | 35 | 35 (1.4) | | | |
| RG-3L-3 | RG-2-3 | | 1.0 | | | | 80 | 35 (1.4) | | | |

※ RG-3L1 with air adj. set is available.

Heavy viscosity spray gun

For applying special high-viscosity paint, adhesives, etc.



W-2001-1
PC-19B
pressure feed
container
(option)

W-2003
PC-19B
pressure feed
container
(option)



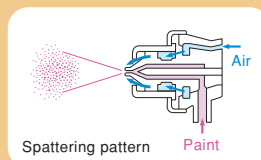
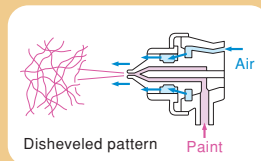
Fluid nozzle and fluid needle are made of stainless steel which permits spraying of even water borne adhesives.

| Model | Name | Type of feed | Fluid nozzle orifice φ mm | Spray distance mm (inch) | Atomizing air pressure MPa (psi) | Air consumption l/min (cfm) | Fluid output ml/min. | Pattern width mm (inch) | Required air compressor kW | Standard container | Mass g (lbs) | Main application |
|----------|--------------------|---------------|------------------------------|-----------------------------|-------------------------------------|--|-------------------------|----------------------------|-------------------------------|---|-----------------|---------------------------------------|
| W-2001-1 | Spray gun | Pressure feed | 2.5 | 200 (7.9) | 0.29 (42.7) | (25W) 170 (6.0) (10W) 100 (3.5) | - | - | 0.75~3.7 | Pressure feed container: PC-19B (1000ml) | 450 (0.99) | Construction wall paint, small job |
| W-2001-2 | | | 3.0 | | | | | | | | | |
| W-2003 | High viscosity gun | Pressure feed | 2.0 | 200~300 (7.9~11.8) | 0.29 (42.7) | 270 (9.5) | - | 300~400 (11.8~15.7) | 1.5 | Pressure feed container: PC-19B (1000ml) | 390 (0.86) | High viscosity paint |

Disheveled gun

For spraying disheveled and spattering patterns using special air caps .

Type of feed : pressure feed type
Fluid nozzle orifice: φ 0.7mm
Atomizing air pressure: 0.2Mpa (2.0kgf/cm² .28psi)
Air consumption: 75 liters/min. (2.6cfm)
Fluid output : 80 ml/min.
Required compressor: 0.4kW
Approx. mass : 1000g (2.2lbs)
with PC-17R (400 ml) pressure attached feed container



SGD-71

Airbrushes

[iwata] is Anest Iwata's own trademark which is used and limited to airbrushes and related products. ISO9001 (JISZ9001) international quality standards do not cover products on this page.



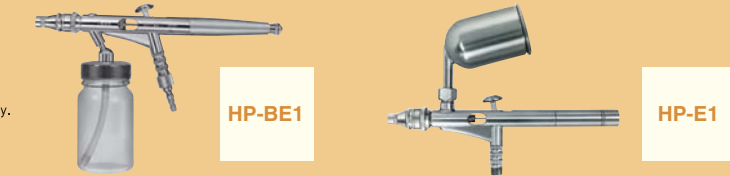
[Hi-line series] equipped with air adjusting knob (air volume adjusting function) and pre-set handle (fluid output adjusting function) as standard accessories which are most suitable for very fine jobs.



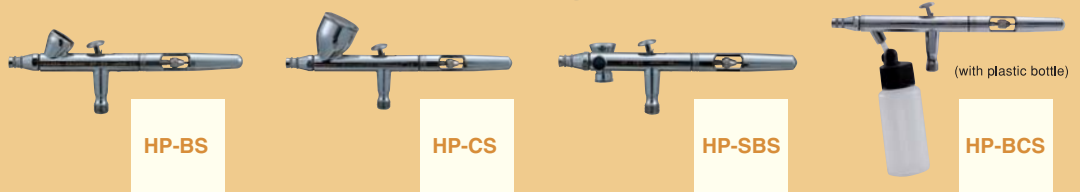
[High performance plus] equipped with pre-set handle (fluid output adjusting function) as a standard accessory.



[High performance series] equipped with hose joint set 1 as a standard accessory.



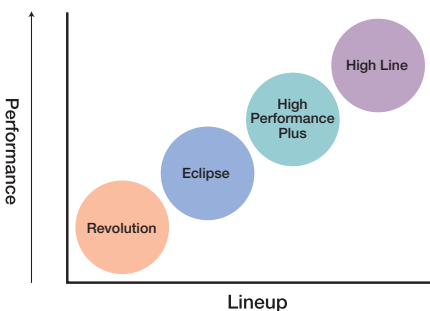
[Eclipse series] Drop-in (insert type) nozzle can make disassembly and cleaning easy.



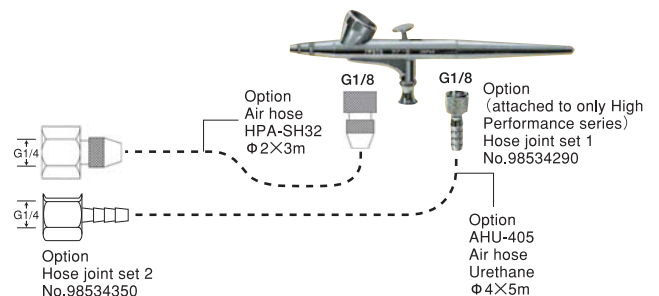
[Revolution series] All models (except HP-SAR and HP-TR) are double action type.



| Model | Type of feed | Fluid nozzle orifice ϕ mm | Atomizing air pressure MPa (psi) | Air consumption l/min (cfm) | Standard container or cup | Mass g (lbs) | Applied materia |
|-----------------------|--------------|--------------------------------|----------------------------------|-------------------------------|---------------------------|--------------|---|
| Hi-Line | HP-AH | 0.2 | 0.10~0.29 (14.2~42.7) | 14 | 0.4 | 84 | Automotive arts |
| | HP-BH | 0.2 | | 11 | 1.5 | 87 | |
| | HP-CH | 0.3 | | 11 | 7 | 109 | |
| High Performance Plus | HP-AP | 0.2 | | 14 | 0.4 | 75 | Hobby crafts, automotive arts, beauty culture |
| | HP-BP | 0.2 | | 11 | 1.5 | 81 | |
| | HP-SBP | 0.2 | | 11 | 1.5 | 92 | |
| | HP-CP | 0.3 | | 11 | 7 | 109 | |
| | HP-BC1P | 0.3 | | 11 | 20 | 150 | |
| | HP-BC2P | 0.4 | | 11 | 20 | 150 | |
| High Performance | HP-E1 | 0.6 | | 32 | 40 | 236 | Hobby crafts, automotive arts, beauty culture |
| | HP-E2 | 0.8 | | 47 | 40 | 236 | |
| | HP-BE1 | 0.6 | | 32 | 40 | 254 | |
| | HP-BE2 | 0.8 | | 47 | 40 | 261 | |
| Eclipse | HP-BS | 0.3 | | 20 | 1.5 | 90 | Hobby crafts |
| | HP-CS | 0.3 | | 20 | 7 | 116 | |
| | HP-SBS | 0.3 | | 20 | 1.5 | 105 | |
| | HP-BCS | 0.5 | | 20 | 28 | 96 | |
| Revolution | HP-AR | 0.3 | | 14 | 0.4 | 75 | Hobby crafts |
| | HP-BR | 0.3 | | 14 | 1.5 | 82 | |
| | HP-CR | 0.5 | | 20 | 7 | 115 | |
| | HP-BCR | 0.5 | 20 | 28 | 90 | | |
| | HP-SAR | 0.5 | 20 | 28 | 100 | | |
| | HP-TR1 | 0.3 | 14 | 7 | 150 | | |
| | HP-TR2 | 0.5 | 20 | 15 | 160 | | |



Option Oil-free mini compressors IS-875 IS-925



Oil-less compressors for airbrushes

IS-875HT/925HT

Powerful and compact
Reliable



- Available 150W single cylinder and 220W two cylinders models with air tank
- Auto shut off
- Equipped with pressure switch as standard

| Model | IS-875HT (Smart Jet Plus) | IS-925H (Smart Jet Plus) |
|----------------------|---|-----------------------------|
| Motor | W | 150/200 |
| Max pressure | MPa | 4.2 |
| Air consumption | ℓ/min | 15 |
| Mass | kg | 5.5 |
| Dimensions | mm | 280×160×275 |
| Included Accessories | Filter Regulator/3m Braided hose (HPA-BH31)/ Airbrush holder | |

Remarks: In the above dimensions not included accessories

IS-875/925



- Available in 91 W single cylinder and 125 W two cylinder version
- Compact design
- Silent
- Equipped with pressure switch as standard

| Model | IS-875 (Smart Jet Pro) | IS-925 (Power Jet Lite) |
|----------------------|---------------------------|----------------------------|
| Motor | W | 91 |
| Max pressure | MPa | 3.1 |
| Air consumption | ℓ/min | 6.0 |
| Mass | kg | 6.4 |
| Dimensions | mm | 156×310×260 |
| Included Accessories | 3m air hose (HPA-SH32) | |

Remarks: In the above dimensions not included accessories

IS-850



- Compact design
- Silent
- Equipped with pressure switch as standard

| Model | IS-850 |
|----------------------|---|
| Motor | W |
| Max pressure | MPa |
| Air consumption | ℓ/min |
| Mass | kg |
| Dimensions | mm |
| Included Accessories | 4m Coil hose (HPA-CH41)/ 3m air hose (HPA-SH31)/ Filter set |

Remarks: In the above dimensions not included accessories

IS-50



- Compact design
- Light weight (2.9Kg)
- Equipped with release valve

| Model | IS-50 |
|----------------------|-------------------------|
| Motor | W |
| Max pressure | MPa |
| Air consumption | ℓ/min |
| Mass | kg |
| Dimensions | mm |
| Included Accessories | 4m Coil hose (HPA-CH41) |

Remarks: In the above dimensions not included accessories

IS-976MB



(Accessories not included)

- Maintenance-free, oil-less two pole motor air compressor
- Case-mounted air regulator and moisture filter
- Dual manifold air regulator with airbrush and spray gun holders
- 2.5 liter air storage tank and internal cooling fan
- Equipped with pressure switch as standard
- Easy-to-setup

| Model | IS-976MB |
|----------------------|---|
| Motor | W |
| Max pressure | MPa |
| Air consumption | ℓ/min |
| Mass | kg |
| Dimensions | mm |
| Air Tank Capacity | ℓ |
| Included Accessories | Filter Regulator/3m Braided hose (HPA-BH32)/ Airbrush holder |

Remarks: In the above dimensions not included accessories

Automotive refinishing spray guns with agitator and Touch-up spray guns

Effective refinishing from small to medium blemishes



W-101A-134G

Can coat well with two-coat pearl, metallic, solid and clean paints as well as three-coat pearl paints



W-101A-134S



image

| Model | Type of feed | Fluid nozzle orifice ϕ mm | Atomizing air pressure MPa (psi) | Air consumption ℓ / min (cfm) | Pattern width mm (inch) | High atomization | General atomization | Applied air cap model | Required air compressor kW | Mass g (lbs) | Application |
|--|--------------|--------------------------------|----------------------------------|------------------------------------|-------------------------|------------------|---------------------|-----------------------|----------------------------|--------------|----------------------------------|
| Automotive refinishing spray guns | | | | | | | | | | | |
| W-101A-104G | Gravity | 1.0 | 0.15 (22.8) | 165 (5.8) | 140 (5.5) | ● | | H4 | 0.4~0.75 | 695 (1.53) | Paint for Automotive refinishing |
| W-101A-134G | | 1.3 | | | 120 (4.7) | | | | | | |
| W-101A-134S | Suction | | | | | | | | | | |
| Touch-up spray guns | | | | | | | | | | | |
| W-101T-104G | Gravity | 1.0 | 0.15 (22.8) | 165 (5.8) | 140 (5.5) | ● | | H4 | 0.4~0.75 | 335 (0.74) | Paint for Automotive refinishing |
| W-101T-134G | | 1.3 | | | 120 (4.7) | | | | | | |
| W-101T-134S | Suction | | | | | | | | | | |

* 1. Pattern width is measured with 16 sec. (12sec/NK-2) paint viscosity and 60ml/min. fluid output.

- Spray distance: 200mm (7.9inch) for all models
- Atomizing air pressure at inlet of spray gun with trigger pulled and air flowing.
- All models: Fluid nipple - G1/4, air nipple - G1/4

Rotary type local pressure gauge

This is a cheater valve that can indicate air pressure at inlet joint of spray gun. It's easy to use per straight shape and easy to fine adjust pressure per screw valve.

Compact and light valve can make spray man handle spray gun easy.

Model: AJR-02S-VG Mass:120g

Connection: air nipple G1/4



AJR-02S-VG

This product can increase coating job efficiently through air pressure control. Small-sized pressure gauge maintains balance well when it is attached to your spray gun.

Local air pressure control can promise stable air supply to your coating job.

Model: AJR-02L-VG Mass:95g

Adjusting system:Cylinder type

Connection: air nipple G1/4



AJR-02L-VG

Aqua Gun Holder for Center Cup Gravity Feed Spray Guns

Can be installed anywhere since it is equipped with pedestal.

Can be installed with air hose attached for use with wall-mounting type

Applicable spray guns:LPH-300/W-300/LPH-400/W-400

Model: GH-WH-02 Mass:510g



GH-WH-02

Gun Stand (for horizontal installation)



Gun Stand (for wall mounting)

L type Rotary Joint

Allows you to handle hoses easily by rotating joint seat.

Reduces failure cost by preventing air hose from contacting coating surface during coating application.

Hoses do not interfere with you when coating in trunk room, doors, knee room or underbody of cars.

Model: AJR-02L Mass:46g



AJR-02L

Air duster/Blow gun/Engine cleaner



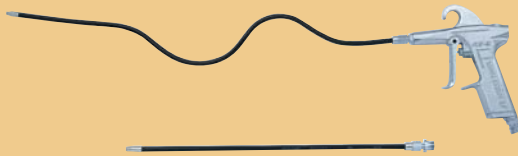
Air duster
AG-6



Air duster
AG-61

Flexible extension pipe

Example : Flexible extension pipe is attached.



Blow gun
AG-4B



Blow gun
AG-41B

Flexible extension pipe

| Model | Lengthmm (inch) | Mass g (lbs) |
|----------|-----------------|--------------|
| ADP-150F | 150 (5.9) | 30 (0.07) |
| ADP-300F | 300 (11.8) | 42 (0.09) |
| ADP-500F | 500 (19.7) | 60 (0.13) |

Option for AG-6、AG-61



Engine cleaner
EC-3B

| Model | Name | Fluid nozzle orifice φ mm | Atomizing air pressure MPa (psi) | Air consumption ℓ / min (cfm) | Required air compressor kW | Mass g (lbs) | Connection | Usage |
|--------|----------------|------------------------------|-------------------------------------|----------------------------------|-------------------------------|-----------------|--------------|--------------------------------------|
| AG-6 | Air duster | 1.7 | 0.34 (49.9) | 105 (3.7) | 0.4 | 185 (0.41) | G1/4 (PF1/4) | For blowing off dust, sludge, etc. |
| AG-61 | | | | | | | | |
| AG-4B | Blow gun | 4.5 | 0.59 (85.3) | 970 (34.3) | 1.5~5.5 | 218 (0.48) | G3/8 (PF3/8) | For blowing off dust, sludge, etc. |
| AG-41B | | | | | | 212 (0.47) | | |
| EC-3B | Engine cleaner | 2.7 | 0.34 (49.8) | 40 (1.4) | 0.2 | 380 (0.84) | G1/4 (PF1/4) | For cleaning engines, machines, etc. |

Aqua Dry Gun

Able to amplify a small amount of air and emit a large amount of air.
Most suitable for water-based paints which dry slowly.
It can be used to dry solvent-based paints.
Plastic grip is suitable for Anest Iwata spray guns with soft texture.
The valve below is recommended for local on-off operation.
With air valve to adjust on-off at hand.
Model : ADG-1BV Mass : 400g



ADG-1BV

Containers, Cups & Paint Supply Equipment

Suction feed container



Select appropriate paint supply equipment in accordance with paint consumption and painting job.

① Side mount gravity feed cup (130~600ml) for touch-ups and small painting jobs

Gravity feed cup



② Suction feed container (400~1000ml) for medium-size painting jobs

③ Pressure feed container (1000~2000ml) for medium-size jobs using pressure feed spray gun

④ Paint pressure tanks (10~80 liters)

Free-angle cup

PC-400S-2LF (Stainless)
PC-400A-2LF (Aluminum)
PC-400S-2LTF (Stainless)
PC-250S-2LF (Stainless)
PC-150S-2LF (Stainless)
gun (option)



Pressure feed container



and diaphragm paint pumps are most suitable for continuous painting jobs such as on production lines, automatic painting machines and painting robots at the plant.

| Model | Capacity ml | Mass g (lbs) | Connection | Applicable spray gun |
|----------------------------------|-------------|--------------|---------------------------|---|
| Suction feed container | | | | |
| PCL-7B-2 | 700 | 370 (0.81) | G1/4 (PF1/4) | W-101, -71, -61, LPH-101 |
| PCL-7B-3 | 700 | 375 (0.82) | G3/8 (PF3/8) | W-200, -77 |
| PCL-10B-2 | 1000 | 410 (0.90) | G1/4 (PF1/4) | W-101, -71, -61, LPH-101 |
| PCL-10B-3 | 1000 | 415 (0.91) | G3/8 (PF3/8) | W-200, -77 |
| PC-1 | 1000 | 335 (0.74) | G3/8 (PF3/8) | W-200, -77 |
| PC-1S | 1000 | 330 (0.73) | G1/4 (PF1/4) | W-101, -71, -61, LPH-101 |
| PC-2 | 600 | 270 (0.59) | G1/4 (PF1/4) | W-101, -71, -61, LPH-101 |
| PC-3 | 400 | 180 (0.40) | G1/4 (PF1/4) | W-101, -71, -61, LPH-101 |
| Gravity feed cup (Side) | | | | |
| PC-4 | 400 | 180 (0.40) | G3/8 (PF3/8) | W-200, -77 |
| PC-4S | 400 | 168 (0.37) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L |
| PC-400A-2LF | 400 | 125 (0.28) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L, free-angle stainless steel cup |
| PC-400S-2LTF | 400 | 210 (0.46) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L, free-angle, stainless steel cup fluorine-coated |
| PC-400S-2LF | 400 | 210 (0.44) | G1/4 (PF1/4) | W-101, LPH-101, W-71, -61 free-angle stainless steel cup |
| PC-250S-2LF | 250 | 170 (0.37) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L free-angle stainless steel cup |
| PC-150S-2LF | 150 | 155 (0.34) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L free-angle stainless steel cup |
| PC-5 | 250 | 135 (0.30) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L |
| PC-51 | 220 | 126 (0.28) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L stainless steel cup |
| PC-61 | 130 | 110 (0.24) | G1/4 (PF1/4) | W-50, -101, LPH-50, -101, W-71, -61, RG-3L stainless steel cup |
| PCG-6P-2 | 600 | 220 (0.48) | G1/4 (PF1/4) | W-101, LPH-101, W-71, -61 plastic cup |
| PCG-6P-3 | 600 | 227 (0.50) | G3/8 (PF3/8) | W-200, -77 plastic cup |
| Gravity feed cup (Center) | | | | |
| PCG-6P-M | 600 | 160 (0.35) | M16×1.5 (female) | W-400, LPH-400 plastic cup |
| PCG-2P-2 | 200 | 100 (0.22) | G1/4 (PF1/4) | W-300, LPH-300 plastic cup |
| PCG-2D-1 | 150 | 100 (0.22) | G1/8 (PF1/8) | LPH-80, Aluminum cup |
| PC-G400P-2 | 400 | 158 (0.35) | G1/4 (PF1/4) | W-300, W-300WB, LPH-300 plastic cup |
| Pressure feed container | | | | |
| PC-17R | 400 | 564 (1.24) | G1/4 (PF1/4) | SGD-71 disheveled gun Max. operating pressure 0.20MPa (2kgf/cm ² /28.4psi) |
| PC-18D | 2000 | 1250 (2.76) | G3/8 (PF3/8) fluid outlet | various spray guns Max. operating pressure 0.34MPa (3.5kgf/cm ² /49.8psi) |
| PC-18DT (fluorine-coated) | 2000 | 1200 (2.65) | G3/8 (PF3/8) fluid outlet | various spray guns Max. operating pressure 0.34MPa (3.5kgf/cm ² /49.8psi) |
| PC-19B | 1000 | 470 (1.04) | M16×1 (male) | W-2001-1 W-2003 Max. operating pressure 0.49MPa (5kgf/cm ² /71.1psi) |
| PC-19R | 1000 | 830 (1.83) | G3/8 (PF3/8) | W-200 W-77 Max. operating pressure 0.27MPa (2.8kgf/cm ² /39.8psi) |

Paint pressure tank

They are equipped with either a manual or an automatic mixer to prevent paint from precipitating. 10-80 liter paint tanks are available.

About the use of paint pressure tanks overseas

Codes and standards for pressure vessels vary from country to country. Please contact us to see if our paint pressure tanks apply to your country specification for pressure vessels.



PT-20DM (with automatic mixer)

Diaphragm paint pump

You can change paint color or replenish paint by simply putting intake hose set into a new can of paint. This method simplifies paint feed system and saves work.

※ For details, refer to [Paint supply pumps & system equipment] catalog.



DPS-90E

Handy paint pump

*Paint pump with 5 liter hopper for small painting jobs.
*Easy to transport (8kg)
*Double-acting type without pulsation can always supply stable fluid output.
○ Small painting jobs such as metal, resin and woodwork
○ Designated color line painting such as metal, resin and woodwork
○ Moving jobs of construction painting such as shutters or indoor decorations

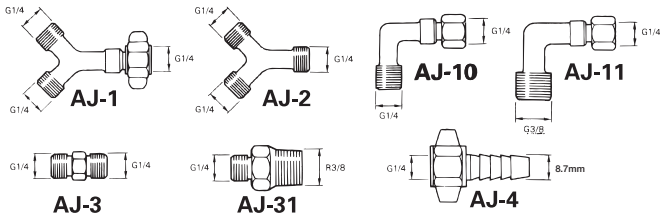
※ For details, refer to [Paint supply pumps & system equipment] catalog.



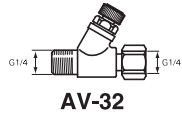
HDP-705C

Joins, Hoses

Air joint

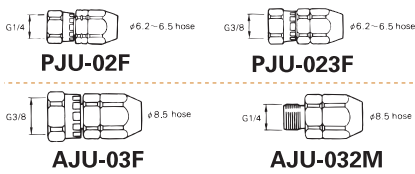


Air valve

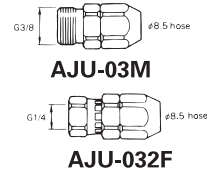


Joint for urethane air hose

for EAHU-6

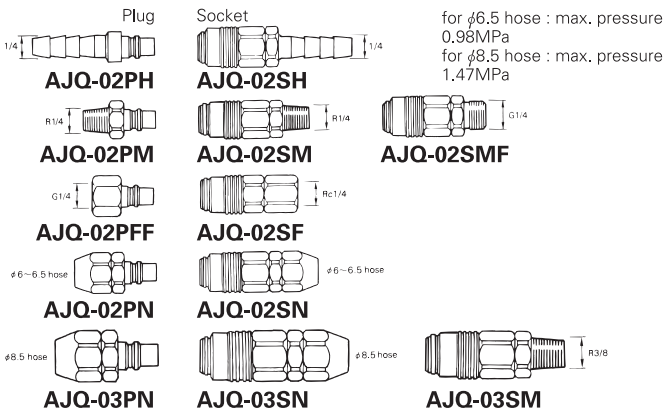


for AHU-8



※Joint for previous urethane air hose (AHU-6) are AJU-02F and AJU-02M.

Air quick joint (※2)



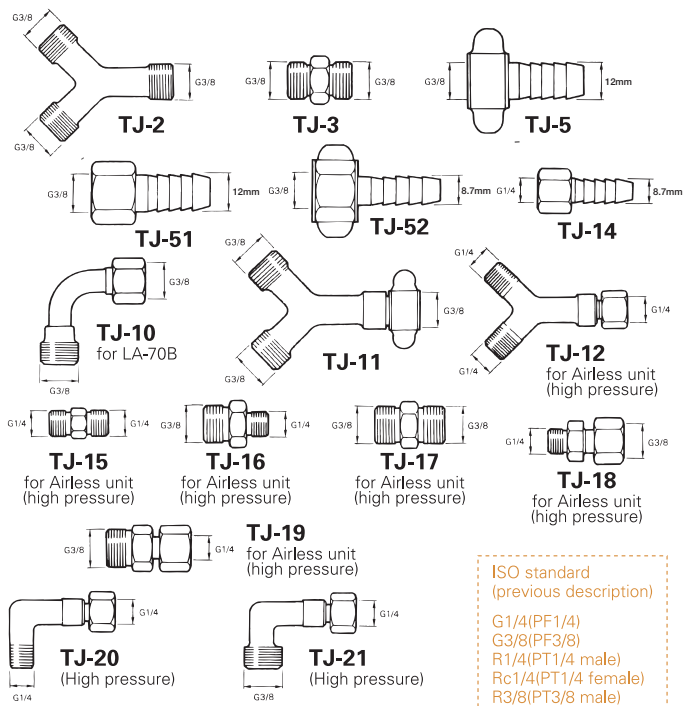
- (※1) ●For exclusive use as an air hose. DO NOT USE AS A FLUID HOSE
 ●When you do not use the grounding wire, do not take it out. But be sure to distinguish clearly between a hose which uses a grounding wire and one which does not use, in order to avoid wrong usage.

Air house (※2)

| Model | Material | Inner dia. × outer dia. × length | Max. operating pressure |
|-----------|--|---|-------------------------|
| EAHU-620 | Urethane with built-in grounding wire | $\phi 6.2 \times \phi 9.3 \times 20\text{m}$ | 1.47MPa |
| EAHU-630 | | $\phi 6.2 \times \phi 9.3 \times 30\text{m}$ | |
| EAHU-650 | | $\phi 6.2 \times \phi 9.3 \times 50\text{m}$ | |
| EAHU-6100 | | $\phi 6.2 \times \phi 9.3 \times 100\text{m}$ | |
| EAHU-820 | | $\phi 8.5 \times \phi 12 \times 20\text{m}$ | |
| EAHU-8100 | $\phi 8.5 \times \phi 12 \times 100\text{m}$ | Urethane | |
| AHU-820B | $\phi 8.5 \times \phi 12 \times 20\text{m}$ | | |
| AHU-830B | $\phi 8.5 \times \phi 12 \times 30\text{m}$ | | |
| AHU-850B | $\phi 8.5 \times \phi 12 \times 50\text{m}$ | | |
| AHU-8100B | $\phi 8.5 \times \phi 12 \times 100\text{m}$ | | |

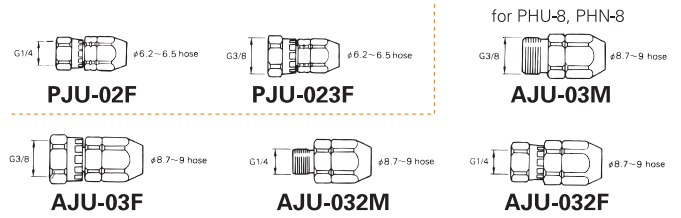
- ⚠ Caution : Caution: Handling of air hose with the grounded wire (※2)**
 ●Connecting equipment must be grounded since this hose has a built-in grounded wire.
 ●Whether or not you use the grounded wire, never use this hose as an air hose to supply air to electrostatic spray equipment or isolation stand when you use low resistance paint. In such a case, use an urethane air hose (AHU-8) or fluid hose (PHU, PHN) as air hose.
 ●When you use the grounded wire, refer to the electrostatic spray equipment instruction manual and periodically check its conductivity. Never use a hose which has deteriorated or is cut.
 ●Never use this air hose as a fluid hose.
 ●When you do not use the grounded wire, do not take it out. But be sure to distinguish clearly between a hose which uses a grounded wire and one which does not use, in order to avoid wrong usage.

Fluid joint

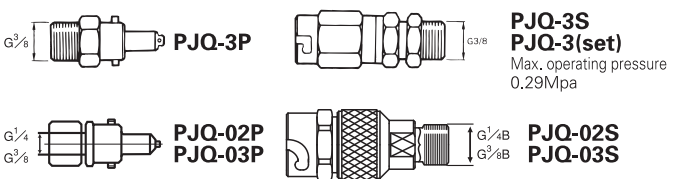


ISO standard (previous description)
 G1/4(PF1/4)
 G3/8(PF3/8)
 R1/4(PT1/4 male)
 Rc1/4(PT1/4 female)
 R3/8(PT3/8 male)

Joint for fluid hose



Fluid quick joint



Fluid hose (※3)

| Model | Material | Inner dia. × outer dia. × length | Max. operating pressure |
|----------|--|--|-------------------------|
| PHU-620 | Urethane | $\phi 6.2 \times \phi 9.3 \times 20\text{m}$ | 0.69MPa |
| PHU-6100 | | $\phi 6.2 \times \phi 9.3 \times 100\text{m}$ | |
| PHU-820 | | $\phi 8.7 \times \phi 12 \times 20\text{m}$ | |
| PHU-8100 | | $\phi 8.7 \times \phi 12 \times 100\text{m}$ | |
| PHN-620 | | Nylon | |
| PHN-6100 | $\phi 6.5 \times \phi 9.5 \times 100\text{m}$ | | |
| PHN-820 | $\phi 8.9 \times \phi 12.1 \times 20\text{m}$ | | |
| PHN-8100 | $\phi 8.9 \times \phi 12.1 \times 100\text{m}$ | | |
| THU-620 | Urethane (twin) | $\phi 6.2 \times \phi 9.3 \times 2 \times 20\text{m}$ | 0.69MPa |
| THU-6100 | | $\phi 6.2 \times \phi 9.3 \times 2 \times 100\text{m}$ | |

*Air hose side of THU-6 twin hose includes an orange string and the model's name.

- ⚠ Caution : Selection of fluid hose (※3)**
 ●Do not use urethane hoses (PHU, THU) when you use ketonic solvents, two-component paints, urethane paints and thinners which easily dissolve or react since urethane hoses will crack and paint will fly. In such a case, use nylon fluid hose (PHN).



E-spray series

We have realized a high level of safety.

- No insulation device is required in fluid supplying route.
- We chose Internal cascade type with a high level of safety comparing with external cascade type.

Manual electrostatic spray gun for water-based paint
(indirect charge and internal cascade type)



E-MW100

Manual electrostatic spray gun
(direct charge and internal cascade type)



E-M15C : for general paints



E-M10C : for water-based and low-resistance paint

International
Patents
Pending



Please request catalog of "Electrostatic painting spray equipment". If you have some questions, please contact our branch where locates near you.



Safety precautions

■ For operation

1. Never use these spray guns for purposes other than coating jobs.
2. Before use, be sure to carefully read the instruction manual for correct usage.
3. Never alter these products for any application. If done, it can cause poor performance and failure.

■ Others

1. Figures in this catalog are measured by our test paints.
They will differ according to kinds of paints and painting conditions.

● Models, specifications and photos are subject to change without notice.



ANEST IWATA Corporation

3176, Shinyoshida-cho, Kohoku-ku,
Yokohama 223-8501, Japan
Tel: 045-591-1118 Fax: 045-591-1137
<http://www.anest-iwata.co.jp/>

Printed in Japan CAT.No. SE-68F 201203.改.5.NP★

