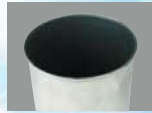


# PAINT CUPS

## Teflon-Coated Cup 4G-TA

Improved flow and paint removal, making wash-up quick and easy.



▲Teflon-coated

## Freely adjustable Cup 4GB-U, 4GF-U, 4GPA-U, 4G-TA

A freely adjustable joint allows the cup to be adjusted to any angle while mounted on the gun.



▲Freely adjustable joint

A convenient gun stand makes it possible to temporarily stop work or add paint wherever a flat surface is available.



◀Gun stand

## Agitator Cup 4GPA-U-V, 7SB-VA

Ideal for agitating pearl and metallic paint.

It is possible to agitate in low pressure.

It is possible to adjust the rotation freely.



\* Hand spray gun should be ordered separately.



| Model No. | Type                         | Capacity<br>L | Coupling<br>nut | Applicable<br>spray guns  | Weight<br>g |
|-----------|------------------------------|---------------|-----------------|---------------------------|-------------|
| 1G-2      | Gravity cup                  | 0.15          | G1/4            | FMI-GR, FMI-G             | 90          |
| 2GD       |                              | 0.25          |                 |                           | 113         |
| 4GD       |                              | 0.45          |                 | F110-G, F110L-G<br>F-ZERO | 200         |
| 4GF-U     |                              |               |                 |                           | 185         |
| 4GB-U     |                              |               |                 |                           | 195         |
| 4GPA-U    |                              |               |                 |                           | 170         |
| 4G-TA     | Plastic gravity cup          |               |                 | 220                       |             |
|           | Teflon-coated<br>gravity cup |               |                 |                           |             |
| 6G-C      | Plastic gravity cup          | 0.6           | G3/8            | F410-G, F200-G            | 180         |
| 7SB       | Suction cup                  | 0.75          | G1/4            | F110-S, F110L-S           | 290         |
| 10SB-2    |                              | 1             | G3/8            | F210-S, BS-2-11           | 325         |
| 10SC      |                              | 0.75          | G1/4            | F110-S, F110L-S           | 360         |
| 7SLB      | Suction cup<br>(lever type)  | 1             | G3/8            | F210-S, BS-2-11           | 420         |
| 10SLB-2   |                              | 1             | G3/8            | F210-S, BS-2-11           | 420         |
| 10SLB     |                              | 1             | G3/8            | F210Z-P                   | 590         |
| 10ZP      | Pressure cup                 | 1             | G3/8            | F210Z-P                   | 590         |

| Model No. | Type                 | Capacity L | Coupling nut | Air pressure MPa | Air consumption L/min | Paint viscosity range second | Applicable spray guns  | Weight g |
|-----------|----------------------|------------|--------------|------------------|-----------------------|------------------------------|------------------------|----------|
| 4GPA-U-V  | Agitator cup gravity | 0.45       | G1/4         | 0.2~0.35         | 15~50                 | 10~20                        | F110-G, F110L-G F-ZERO | 220      |
| 7SB-VA    | Agitator cup suction | 0.75       | G1/4         | 0.2~0.35         | 15~50                 | 10~20                        | F110-S, F110L-S        | 380      |

● Paint viscosity is for using Meiji model V-1 viscosity cup.

## PAINT FILTERS

Air hose and paint hose are connected close at hand to improve work efficiency. A built-in 100-mesh filter effectively filters the paint.



HF-C/HM-C

| Model No. | Filter mesh | Coupling nut | Applicable spray guns | Weight g |
|-----------|-------------|--------------|-----------------------|----------|
| HF-C      | 100         | G 1/4        | F110-P, F110L-P       | 130      |
| HM-C      |             | G 3/8        | F210-P                | 150      |

## VISCOSITY CUP

Use the Meiji V-1 viscosity cup, which is based on the No.4 Ford viscosity cup, to measure the viscosity of the paint.



V-1

## Viscosity Comparison Table

| Viscosity | Pa·s  | mPa·s (cps) | Ford Cup #3 | Ford Cup #4 | Meiji V-1 viscosity cup | Krebs Units Ku | Zahn #1 | Zahn #2 | Zahn #3 | Zahn #4 | Zahn #5 |
|-----------|-------|-------------|-------------|-------------|-------------------------|----------------|---------|---------|---------|---------|---------|
| Low       | 0.01  | 10          |             | 5           |                         |                | 30      | 16      |         |         |         |
|           | 0.015 | 15          |             | 8           |                         |                | 34      | 17      |         |         |         |
|           | 0.02  | 20          | 12          | 10          |                         |                | 37      | 18      |         |         |         |
|           | 0.025 | 25          | 15          | 12          |                         |                | 41      | 19      |         |         |         |
|           | 0.03  | 30          | 19          | 14          |                         |                | 44      | 20      |         |         |         |
| Medium    | 0.04  | 40          | 25          | 18          |                         |                | 52      | 22      |         |         |         |
|           | 0.05  | 50          | 29          | 22          |                         | 30             | 60      | 24      |         |         |         |
|           | 0.06  | 60          | 33          | 25          |                         | 33             | 68      | 27      |         |         |         |
| High      | 0.07  | 70          | 36          | 28          |                         | 35             |         | 30      |         |         |         |
|           | 0.08  | 80          | 41          | 31          |                         | 37             |         | 34      |         |         |         |
|           | 0.09  | 90          | 45          | 32          |                         | 38             |         | 37      |         |         |         |
|           | 0.1   | 100         | 50          | 34          |                         | 40             |         | 41      | 12      | 10      |         |
|           | 0.12  | 120         | 58          | 41          |                         | 43             |         | 49      | 14      | 11      |         |
|           | 0.14  | 140         | 66          | 45          |                         | 46             |         | 58      | 16      | 13      |         |
|           | 0.16  | 160         |             | 50          |                         | 48             |         | 66      | 18      | 14      |         |
|           | 0.18  | 180         |             | 54          |                         | 50             |         | 74      | 20      | 16      |         |
|           | 0.2   | 200         |             | 58          |                         | 52             |         | 82      | 23      | 17      | 10      |
|           | 0.22  | 220         |             | 62          |                         | 54             |         |         | 25      | 18      | 11      |
|           | 0.24  | 240         |             | 65          |                         | 56             |         |         | 27      | 20      | 12      |
|           | 0.26  | 260         |             | 68          |                         | 58             |         |         | 30      | 21      | 13      |
|           | 0.28  | 280         |             | 70          |                         | 59             |         |         | 32      | 22      | 14      |
|           | 0.3   | 300         |             | 74          |                         | 60             |         |         | 34      | 24      | 15      |

● 1Pa·s=10 poise, 1mPa·s=1 cps, 1Pa·s=1,000 cps

# DIAPHRAGM PAINT PUMPS

## PDP-05B, PDP-05-SU, PDP-10A

Connecting metal air circuit has been modified to enhance pump performance.

Prevention against malfunction caused by loosened parts of diaphragm.

Paint pressure reduction valve has been modified to separate type for easy maintenance.

Diaphragm pump and paint pressure reduction valve, FR-1A are available separately as an individual part.

Fluid circuit of PDP-10A has been widened to improve pump performance.

Prevention against pump malfunction caused by over discharge has been improved for PDP-10A.

### Applications

- Painting with frequent color changes
- Built-in painting systems
- Substitute for suspended gravity-feed tank
- Single-gun, small-volume painting

| Set Model No.                        | PDP-05B     | PDP-05-SU   | PDP-10A     |
|--------------------------------------|-------------|-------------|-------------|
| Diaphragm pump model                 | DP-05B      | DP-05-SU    | DP-10A      |
| Paint pressure-reduction valve model | FR-1A       | Built-in    | FR-1A       |
| Max. air pressure MPa                | 0.69        | 0.7         | 0.6         |
| Paint pressure adjustment range MPa  |             | 0~0.35      |             |
| Max. flow rate L/min                 | 1.5         | 1.0         | 1.5         |
| Paint outlet bore                    |             | G1/4×1      |             |
| Air inlet bore                       |             | G1/4×1      |             |
| Approx. dimensions (W×D×H) mm        | 200×296×421 | 212×245×426 | 200×311×446 |
| Weight kg                            | 3.7         | 4.5         | 5           |

Note : PDP-05-SU is a built-in pressure-reduction valve and can not be used as transfer pumps.  
If a transfer pump is required, select the DP-17B.

## PDP-17B series

Paint is drawn in, pressure-fed and supplied while adjusting to the appropriate pressure.

Simple design for easy color changing and maintenance, as well as easy setup and location changes.

Teflon coating (PDP-17B-TF).

Stand type with a built-in mixer (PDP-17B-SP).

Stainless steel passage for waterborne compatibility (PDP-17B-SU).

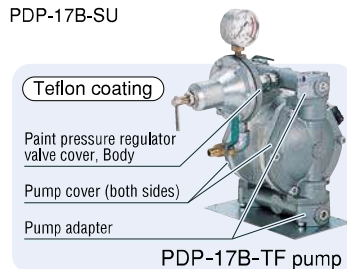
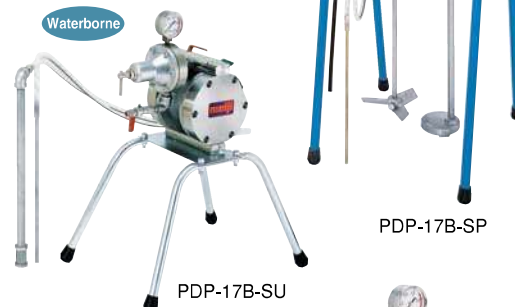
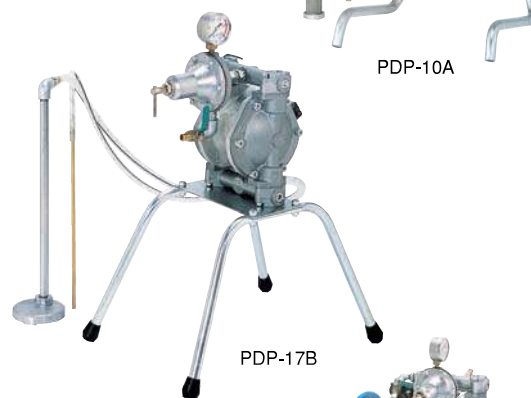
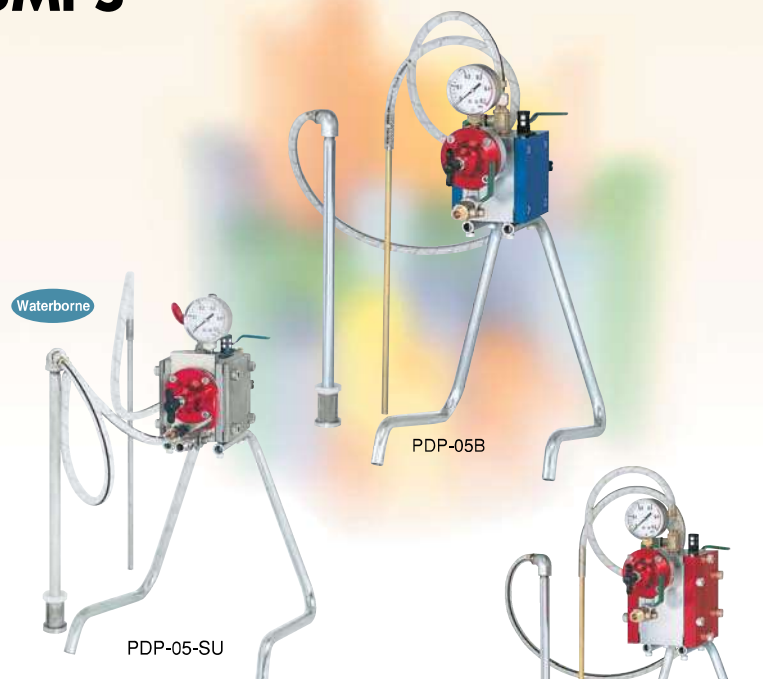
| Set Model No.                        | PDP-17B   | PDP-17B-TF  | PDP-17B-SP  | PDP-17B-SU  |
|--------------------------------------|---|-------------|-------------|-------------|
| Diaphragm pump model                 | DP-17B  | DP-17B-TF   | DP-17B      | DP-17-SU    |
| Paint pressure-reduction valve model | FR-4A   | FR-4A-TF    | FR-4A       | FR-4A-SU    |
| Pump                                 | Max. air pressure MPa                               | 0.69        |             |             |
|                                      | Max. discharge rate (value measured in water) L/min | 17          |             |             |
|                                      | Diaphragm cycles Cycles/min                         | 0~170       |             |             |
|                                      | Air consumption L/min                               | 100         |             |             |
| Pressure-reduction valve             | Paint pressure adjustment range MPa                 | 0~0.35      |             |             |
|                                      | Max. flow rate L/min                                | 2.0         |             |             |
| Paint outlet bore                    |   | G1/4×1      |             |             |
| Air inlet bore                       |   | G1/4×1      |             |             |
| Approx. dimensions (W×D×H) mm        |   | 425×340×570 | 438×388×810 | 425×340×540 |
| Weight kg                            |   | 8           | 13.5        | 13          |

- SU model is stainless steel.
- Models equipped with two pressure-reduction valves (two G1/4 bore paint outlets) are also available by special order.

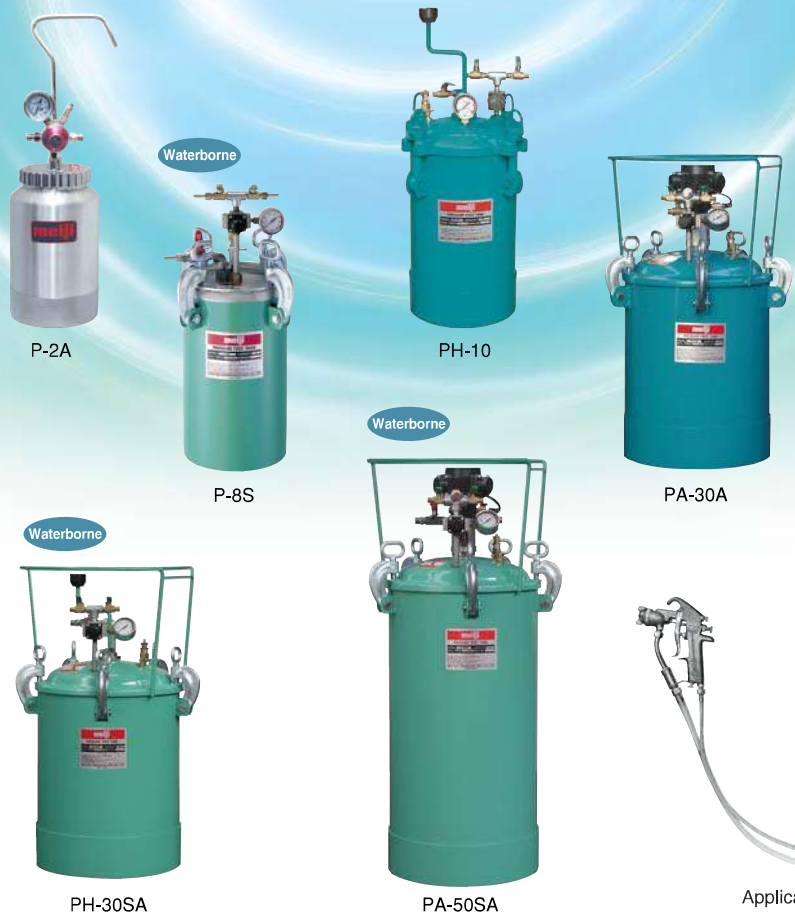
## PAINT PRESSURE-REDUCTION VALVE

| Model No.                                      | FR-1A | FR-4A  | FR-4A-TF | FR-4A-SU |
|--|-------|--------|----------|----------|
| Paint pressure adjustment range MPa            |       | 0~0.35 |          |          |
| Max. flow rate L/min                           | 1.5   | 2      |          |          |
| Valve effective sectional area mm <sup>2</sup> |       | 16     |          |          |
| Paint outlet                                   | B     | G1/4   |          |          |
| Paint inlet                                    | B     | G3/8   |          |          |
| Weight kg                                      | 0.5   | 1.4    | 1.4      | 3.0      |

- SU model is stainless steel.

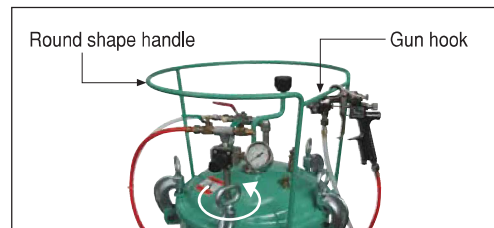


# PAINT PRESSURE FEED TANKS



A paint pressure feed tank greatly improves work efficiency for painting large surface areas, when working in elevated locations, and for continuous automatic painting. Tanks are available in capacities ranging from 2.0 to 50 liters. Two different types of paint stirring systems are available depending on the type of paint to be used.

- Manual type : For comparatively low sedimentation paint.
- Air motor automatic type : For organic solvent-based paints which are subject to color separation or sedimentation.



## Inner Tanks for Paint Pressure Feed Tanks

| Model No. | Capacity L     |
|-----------|----------------|
| PC-10     | 10             |
| PC-30     | 27             |
| PC-50     | 45             |
| PC-8S     | 7 (stainless)  |
| PC-30-S   | 27 (stainless) |
| PC-50-S   | 45 (stainless) |

| Model No. | Capacity L | Mixing system         | Paint outlet (dia.×qty) | Air inlet (dia.×qty) | Max. operating pressure MPa | Approx. dimensions (Width×height) mm | Inner tank | Weight kg |
|-----------|------------|-----------------------|-------------------------|----------------------|-----------------------------|--------------------------------------|------------|-----------|
| P-2A      | 2.0        | —                     | G3/8×1 (G1/4×1)         | G1/4×1               | 0.34                        | 130×435                              | —          | 1.25      |
| PH-10     | 10         | Manual                | G1/4×1                  | G1/4×2               | 0.69                        | 310×643                              | Included   | 20        |
| PH-30A    | 30         |                       | G3/8×1                  |                      | 0.19                        | 454×710                              | —          | 27        |
| PA-10B    | 10         |                       | G1/4×1                  |                      | 0.69                        | 310×622                              | Included   | 23        |
| PA-30A    | 30         | Automatic (Air motor) | G3/8×1                  | G1/4×2               | 0.19                        | 454×710                              | —          | 29        |
| PA-50A    | 50         |                       | G3/8×2                  |                      |                             | 454×945                              |            | 36        |
| PH-30SA   | 30         | Manual                | G3/8×1                  | G1/4×2               | 0.35                        | 454×710                              | —          | 27        |
| PA-30SA   | 30         | Automatic (Air motor) | G3/8×1                  | G1/4×2               | 0.35                        | 454×710                              | —          | 29        |
| PA-50SA   | 50         |                       | G3/8×2                  |                      | 0.19                        | 454×945                              |            | 36        |
| P-8S      | 8          | —                     | G1/4×1                  | G1/4×1               | 0.49                        | 314×530                              | Included   | 12        |

• On S models, stainless steel passage for waterborne compatibility.

• A multi-purpose model with 30-liter, 0.35MPa specifications is also available by special order.

# PRESSURE-DISPENSING FLUID TANKS

Stainless steel tank is ideal for pressurized dispensing of culinary liquids such as soy sauce, seasoning sauces, and cooking oil, as well as chemicals and solvents.

Safe design prevents cap opening during pressurization.

Lightweight and easy to transport. Can also be used as a sealed tank for liquids.

Once pressurized, the tank can be carried freely to enable pressurized supply of liquid anywhere.

Includes relief/safety valve as a standard feature.

The cap can be opened or closed with a single touch.



P-10SC

P-18SC

| Model No. | Cap removal / replacement method | Internal diameter of opening mm | Maximum useable pressure MPa | Capacity L | Liquid dispensing outlet | Air inlet | Approx. dimensions (Width×height) mm | Weight kg |
|-----------|----------------------------------|---------------------------------|------------------------------|------------|--------------------------|-----------|--------------------------------------|-----------|
| P-10SC    | One-touch lever-lock system      | 81×97 ellipse                   | 0.49                         | 10         | G1/4×1                   | G1/4×1    | 228×499                              | 3.0       |
| P-18SC    |                                  |                                 |                              | 18         |                          |           | 228×679                              | 3.8       |



# ARCHITECTURAL SPRAY GUNS

## Wide selection of models

In addition to models specially designed for use with tile, resin, mortar, stucco, micro-fine stucco, etc., our extensive product line-up also includes multi-purpose spray guns and other models for every type of application.

## Lightweight, excellent balance

Optimum efficiency design makes these spray guns extremely light-weight and the excellent handling balance minimizes operator fatigue during extended use.

## One-touch operation (Models AGA, HS2A and HS2YA)

A special patented mechanism in which a hollow needle valve is automatically moved back and forth by air pressure makes "one-touch" operation possible for improved work efficiency.

## Thoughtfully designed to make work easier (Models SGA, AGA, KGA and LGA)

The large cup capacity and good paint flow make working with these spray guns easier. An air regulating valve eliminates uneven spraying to ensure consistently reliable painting, and a valve button locking system enables continuous operation.



## Spraying samples for model SGA-2 & SGS-2



## How to Select a Spray Gun for Architectural Painting

Determine the spray gun and paint nozzle bore to be used according to the name of the paint, the paint viscosity, the size of the aggregate, and the pattern.

Also refer to the standard specifications listed in the paint catalog with regard to the spray gun name, nozzle bore, spraying pressure, etc.

## Types of Aggregate

Quartz sand, white marble, sand, clay-based crushed grains

50 mesh = 279 $\mu$ m

Reference sizes : Table salt = 100 $\mu$ m,

Strand of human hair = 70 $\mu$ m

## Guide to Selecting Architectural Spray guns for Various Applications ● : Ideal

| Application<br>Model No. | Mortar | Fine resin | Medium-sized<br>lithin | Skin | Lightweight<br>spraying<br>material | Sprayed tile | Stucco | Zolacoat | Micro-fine<br>stucco | Adhesive | Size of aggregate   |
|--------------------------|--------|------------|------------------------|------|-------------------------------------|--------------|--------|----------|----------------------|----------|---------------------|
| SGA-2, SGS-2             | ●      | ●          | ●                      | ●    | ●                                   | ●            | ●      |          |                      |          | All aggregates      |
| AGA                      | ●      | ●          | ●                      | ●    | ●                                   | ●            |        |          |                      |          | 0.6~1.8mm           |
| KG, KGA                  |        |            |                        |      | ●                                   | ●            |        |          |                      |          | —                   |
| MB-2, MB-2Y              | ●      | ●          | ●                      | ●    |                                     |              |        |          |                      |          | 0.6~1.8mm           |
| MB-3, MB-3Y              | ●      | ●          | ●                      | ●    |                                     |              |        |          |                      |          | 0.6~1.8mm           |
| LGA                      |        | ●          | ●                      |      |                                     |              |        |          |                      |          | 0.6~1.8mm           |
| WG                       | ●      | ●          |                        |      |                                     |              |        |          |                      |          | 0.6~0.9mm           |
| F210Z-P25Z               |        |            |                        |      |                                     |              |        | ●        |                      |          | —                   |
| HS2A-G, HS2YA-G          |        |            |                        |      |                                     |              |        |          | ●                    |          | 50 mesh and smaller |
| F210Z-P                  |        |            |                        |      |                                     |              |        | ●*       |                      | ●        | —                   |

● Adhesive must be a solvent-based type with a viscosity of 500 mPa·s or less.  
● Mark \* is for water-based Zolacoat.



AGA



KG



KGA



MB-2



MB-3Y



LGA



WG



HS2A-G



HS2YA-G



F210Z-PZ  
with 10ZP paint cup



F210Z-P  
with 10ZP paint cup

\* 10ZP Paint cup should be ordered separately.

| Model No.         | Type               | Paint feed system | Nozzle bore mm  | Air nozzle bore mm                | Spraying pressure MPa | Air consumption L/min | Pattern shape | Required compressor output kW | Paint cup capacity L | Weight g                 |
|-------------------|--------------------|-------------------|---|-----------------------------------|-----------------------|-----------------------|---------------|-------------------------------|----------------------|--------------------------|
| <b>SGA-2</b>      | Multi-purpose gun  | Gravity           | For lithin: 3.5, 5.5, 6.5, 7.5                                | For lithin : 2.0                  | 0.29~0.49             | 100~210               | Round         | 0.75 or more                  | 2.7                  | 750                      |
| <b>SGS-2</b>      |                    |                   | For tile: 5.0, 6.5, 8.0, 10<br>For stucco: 8.0, 12, 15        | For tile : 2.5<br>For stucco: 2.5 |                       |                       |               |                               | 2.8                  | 1,050                    |
| <b>AGA</b>        | Multi-purpose gun  | Gravity           | For lithin: 3.0, 4.0, 5.5, 6.5<br>For tile: 5.0, 6.5, 8.0, 10 | For lithin: 1.5<br>For tile : 2.5 | 0.29~0.49             | 100~210               | Round         | 0.75 or more                  | 2.7                  | 960                      |
| <b>KG</b>         | Tile gun           | Gravity           | 5.0, 6.5, 8.0   | 3.0                               | 0.29~0.49             | 100~210               | Round         | 0.75 or more                  | 2.0                  | 900                      |
| <b>KGA</b>        |                    |                   | 6.5, 8.0, 10  | 2.5                               |                       |                       |               |                               | 2.7                  | 700                      |
| <b>MB-2</b>       | Lithin gun         | Gravity           | 4.0, 6.5, 7.5   | 2.0                               | 0.29                  | 80                    | Round         | 0.75 or more                  | 1.4                  | 840                      |
| <b>MB-2Y</b>      |                    |                   |   |                                   |                       |                       |               |                               |                      | 980                      |
| <b>MB-3</b>       |                    |                   |   |                                   |                       |                       |               |                               | 2.0                  | 970                      |
| <b>MB-3Y</b>      |                    |                   |   |                                   |                       |                       |               |                               |                      | 1,125                    |
| <b>LGA</b>        | Lithin gun         | Gravity           | 5.5, 6.5, 7.5   | 2.0                               | 0.29                  | 100~210               | Round         | 0.75 or more                  | 2.7                  | 700                      |
| <b>WG</b>         | Motar gun          | Gravity           | 3.0   | 1.5                               | 0.29                  | 40                    | Round         | 0.4 or more                   | 1.3                  | 650                      |
| <b>F210Z-P25Z</b> | Zolacoat gun       | Pressure          | 2.5   | —                                 | 0.25                  | 285                   | Flat          | 1.5 or more                   | 1.0 (10ZP)           | 426                      |
| <b>HS2A-G30</b>   | Multi-purpose gun  | Gravity           | 3.0   | 1.5                               | 0.29                  | 225                   | Round<br>Flat | 0.75 or more                  | 1.5                  | 1,173<br>(Gun only: 538) |
| <b>HS2A-G40</b>   |                    |                   | 4.0   |                                   |                       |                       |               |                               |                      |                          |
| <b>HS2YA-G30</b>  |                    |                   | 3.0   |                                   |                       |                       |               |                               |                      | 1,266<br>(Gun only: 566) |
| <b>HS2YA-G40</b>  |                    |                   | 4.0   |                                   |                       |                       |               |                               |                      |                          |
| <b>F210Z-P15</b>  | High-viscosity gun | Pressure          | 1.5   | —                                 | 0.25                  | 240                   | Round<br>Flat | 1.5 or more                   | 1.0 (10ZP)           | 419                      |
| <b>F210Z-P20</b>  |                    |                   | 2.0   |                                   |                       | 290                   |               |                               |                      |                          |
| <b>F210Z-P25</b>  |                    |                   | 2.5   |                                   |                       | 345                   |               |                               |                      |                          |
| <b>F210ZB-P30</b> |                    |                   | 3.0   |                                   |                       | 390                   |               |                               |                      |                          |

● Air inlet : G1/4

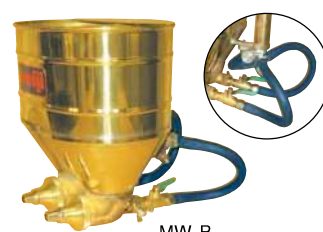
## TWIN NOZZLE GUNS



WGW



MW-A



MW-B

| Model No. | Type               | Paint feed system | Nozzle bore<br>mm | Air nozzle<br>bore<br>mm | Spraying<br>pressure<br>MPa | Air<br>consumption<br>L/min | Pattern<br>shape | Required<br>compressor<br>output<br>kW | Paint cup<br>capacity<br>L | Weight<br>g |
|-----------|--------------------|-------------------|-------------------|--------------------------|-----------------------------|-----------------------------|------------------|--|----------------------------|-------------|
| WGW       | Twin nozzle<br>gun | Gravity           | 4.0               | 1.5                      | 0.2~0.29                    | 80~120                      | Round            | 0.4 or more                            | 0.8×2                      | 850         |
| MW-A      |                    |                   | 8.0               | 2.5                      | 0.29~0.49                   | 180~350                     |                  | 2.2 or more                            | 2.0×2                      | 2,000       |
| MW-B      |                    |                   |                   |                          |                             |                             |                  |  |                            | 2,100       |



# AIR AGITATORS

**MAH-1A :** Powerful type equipped with a built-in speed reducer.

**MA-G :** Turning speed is controllable by using a convenient handle.

**MAF-2 :** Flange type which can be secured to the lid of the paint container.

**MA-S :** Holds an 18-liter paint can or pail. One-touch detachment of the stirring shaft and blades for easy cleaning.

**MA-P :** Hook type, secures to an 18-liter paint can or pail can.

**MAF-21 :** Ideal for large-capacity paint in the flange type.

**MA-G-K :** The blade opens only when rotating.

No need to cut the paint can completely (For MAH-1A, MA-G).

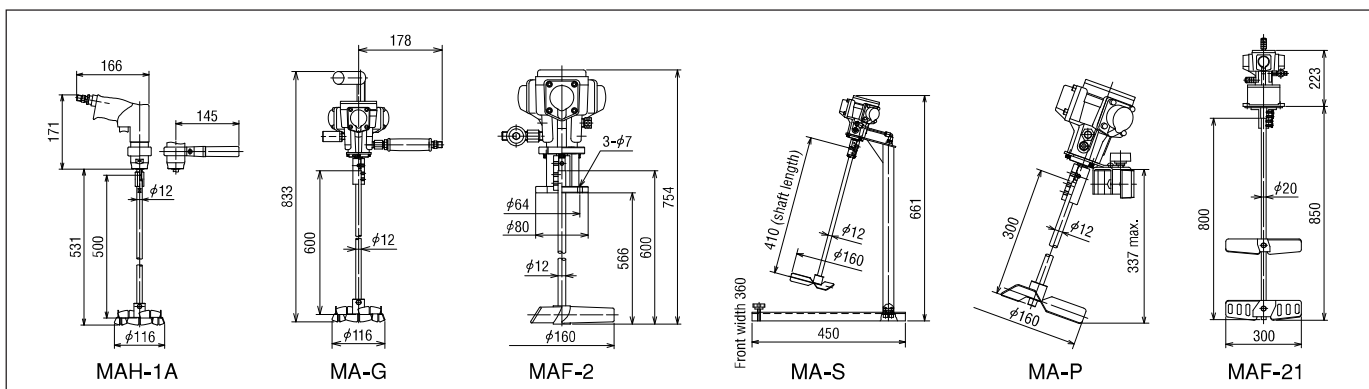
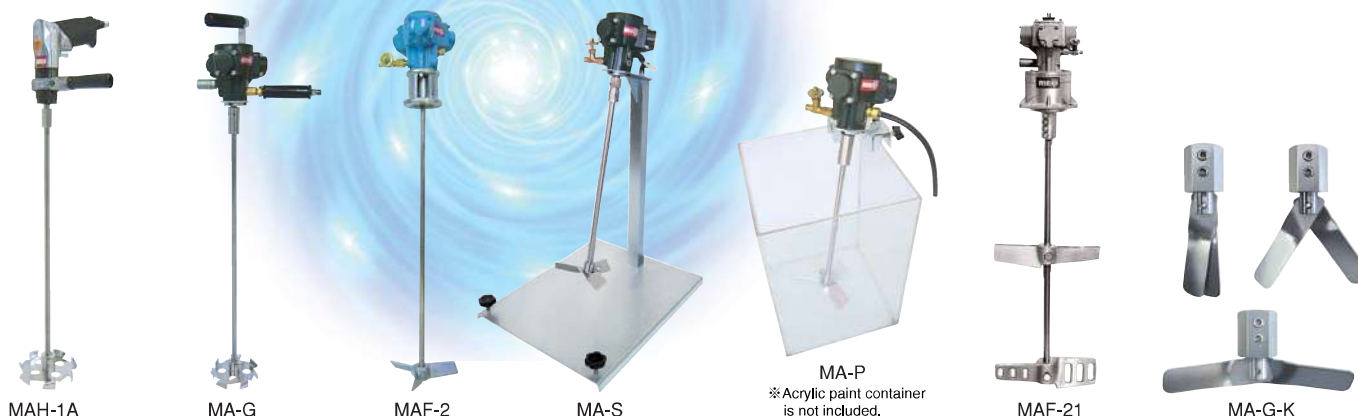
| Model No.     | Output*<br>W | Torque*<br>N·m | Rotation speed*<br>min <sup>-1</sup> | Air consumption*<br>L/min | Max. air pressure<br>MPa | Weight<br>kg |
|---------------|--------------|----------------|--------------------------------------|---------------------------|--------------------------|--------------|
| <b>MAH-1A</b> | 277          | 6.8            | 390                                  | 400                       | 0.49                     | 2.0          |
| <b>MA-G</b>   | 45           | 0.45           | 1,000                                | 180                       |                          | 3.2          |
| <b>MAF-2</b>  | 100          | 1.0            | 1,000                                | 230                       |                          | 2.9          |
| <b>MA-S</b>   | 45           | 0.45           | 1,000                                | 180                       |                          | 7.6          |
| <b>MA-P</b>   | 45           | 0.45           | 1,000                                | 180                       |                          | 2.9          |

\* Specifications of an air motor of maximum output.

## MAF-21

| Reduction ratio | Max. output (air motor) |               |                                     |                          | Rotation speed on no-load<br>min <sup>-1</sup> | Start torque<br>N·m |
|-----------------|-------------------------|---------------|-------------------------------------|--------------------------|--|---------------------|
|                 | Output<br>W             | Torque<br>N·m | Rotation speed<br>min <sup>-1</sup> | Air consumption<br>L/min |  |                     |
| 1/5             | 110                     | 6             | 180                                 | 260                      | 360  | 9                   |
| 1/10            |                         | 12            | 90                                  |                          | 180  | 18                  |
| 1/15            |                         | 18            | 60                                  |                          | 120  | 27                  |
| 1/20            |                         | 24            | 45                                  |                          | 90   | 36                  |

Max. operation air pressure : 0.49MPa Weight : 11kg



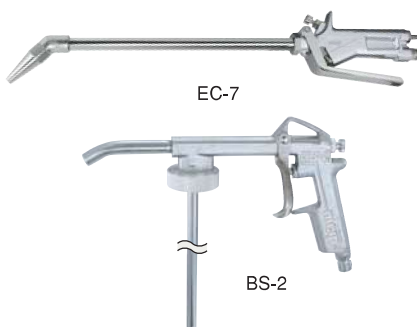
# EQUIPMENT FOR CORROSION PREVENTION & UNDERBODY AREAS

## Engine Cleaner EC-7

Ideal for spraying clean-ing oil to wash away grease and dirt from auto engines and other general machinery.

## Body Under Schutz Spray Gun BS-2

Ideal for spraying rust-proofing, anticorrosion, and vibration-damping paint onto auto fenders, trunks, hoods and other parts.



- The pipe angle can be adjusted 360°. Free adjustable nozzle (EC-7).



- Options for grip way (EC-7).



| Model No.      | Nozzle bore<br>mm | Spraying pressure<br>MPa | Air consumption<br>L/min | Liquid spraying volume<br>mL | Pattern shape | Fluid feed system | Required compressor output<br>kW | Weight<br>g | Others              |
|----------------|-------------------|--------------------------|--------------------------|------------------------------|---------------|-------------------|----------------------------------|-------------|---------------------|
| <b>EC-7*</b>   | 3.0               | 0.3                      | 55                       | 450**                        | Round         | Suction           | 0.4                              | 350         | Pipe length : 240mm |
| <b>BS-2***</b> | 7.0               | 0.29                     | 190                      | —                            |               |                   | 0.75~1.5                         | 390         | —                   |

\* Pipe length of 500mm, 750mm and 1,000mm is available. \*\* Liquid spraying volume should be used by water. \*\*\* Paint cups 10SC and 10SLB are available for BS-2-11.

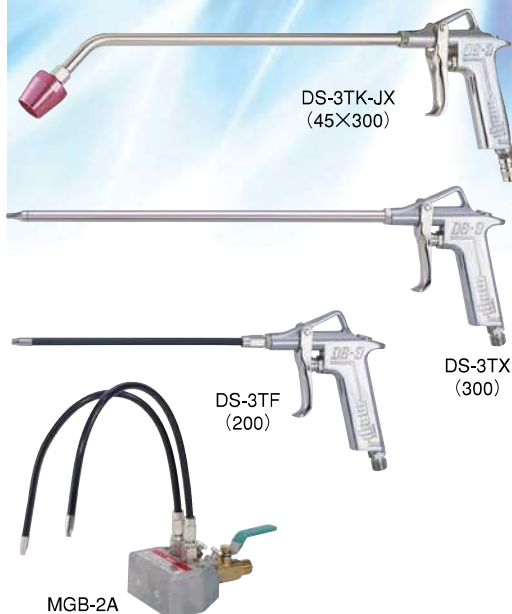
• Air inlet : G1/4

# AIR DUSTERS

Ideal for the removal of dust, cutting chips from machine tools, sawdust, water drops, etc., and for air cleaning, cooling and drying. Selection of models includes types equipped with air flow rate adjusters, magnets, freely bendable nozzles, variable pipe lengths, etc.



▲ Jet nozzle type



| Model No.                | Pipe bending angle | Pipe length mm | Nozzle bore mm | Air pressure MPa | Air consumption L/min | Weight g | Features  |
|--------------------------|--------------------|----------------|----------------|------------------|-----------------------|----------|---|
| DS-3                     | —                  | —              | 2.2            | 0.29             | 140                   | 165      | Button type   |
| DS-3K                    | —                  | —              | 2.2            | 0.29             | 140                   | 185      | Button type, Quick joint type   |
| DS-3T                    | —                  | —              | 2.2            | 0.29             | 140                   | 185      | Trigger type  |
| DS-3TK                   | —                  | —              | 2.2            | 0.29             | 140                   | 185      | Trigger type, Quick joint type  |
| DS-3TX (100)             | 0°                 | 100            | 2.2            | 0.29             | 140                   | 215      | Trigger type, Extension type  |
| DS-3TX (300)             | 45°                | 300            | 2.2            | 0.29             | 140                   | 285      | Trigger type, Extension type  |
| DS-3TX (500)             | 45°                | 500            | 2.2            | 0.29             | 140                   | 350      | Trigger type, Extension type  |
| DS-3TA                   | —                  | —              | 2.2            | 0.29             | 130                   | 190      | Trigger type, with air flow rate adjuster   |
| DS-3TF (200)             | Free               | 200            | 2.0            | 0.29             | 100                   | 205      | Trigger type, Freely adjustable pipe angle  |
| DS-3TF (300)             | Free               | 300            | 2.0            | 0.29             | 100                   | 215      | Trigger type, Freely adjustable pipe angle  |
| DS-3TF (500)             | Free               | 500            | 2.0            | 0.29             | 100                   | 235      | Trigger type, Freely adjustable pipe angle  |
| DS-3TK-J                 | —                  | —              | —              | 0.5              | 350                   | 190      | Trigger type, Quick joint type, Jet nozzle type                                   |
| DS-3TK-JX (100) (45x100) | 0°                 | 100            | —              | 0.5              | 350                   | 240      | Trigger type, Quick joint type, Jet nozzle type, Extension type                   |
| DS-3TK-JX (300) (45x300) | 45°                | 300            | —              | 0.5              | 350                   | 330      | Trigger type, Quick joint type, Jet nozzle type, Extension type                   |
| DS-3TK-JX (500) (45x500) | 45°                | 500            | —              | 0.5              | 350                   | 410      | Trigger type, Quick joint type, Jet nozzle type, Extension type                   |
| MGB-2A                   | Free               | 300            | 2.0            | 0.29             | 110x2                 | 560      | With magnetic base Suction force: 15kg Twin nozzles, Freely adjustable pipe angle |
| MGB-2A-500               | Free               | 500            | 2.0            | 0.29             | 110x2                 | 600      | With magnetic base Suction force: 15kg Twin nozzles, Freely adjustable pipe angle |

- Models with K after the model number are equipped with a 1/4 quick joint for the duster's air connection.
- Replacement nozzles are available for pipe lengths of 200, 300 and 500mm for Model DS-3TF.
- Replacement nozzles are available for pipe lengths of 300 and 500mm for Model MGB-2A.
- Air inlet : G1/4 or quick joint

## AIR DUSTER WITH VACUUM FUNCTION—“VACULEANER”

When the ball valve is closed, air is blown out. When the ball valve is open, air is sucked in.

A small quantity of compressed air draws in a large quantity of secondary air, resulting in a strong suction force.

### Applications

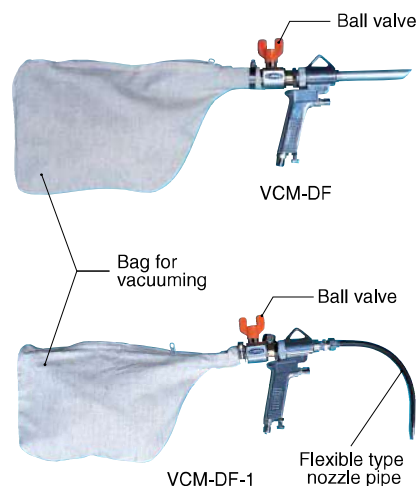
**Cleaning :** Vacuuming and blowing of metal shavings from machining, grinding powder, sand, wood shavings and sawdust, and thread scraps from sewing.

**Collection :** Collection of barrel sand, sandblasting sand, and small parts.

**Cooling :** Cooling of molded pieces, cast pieces, forged pieces, and welded pieces. Vacuum removal of foreign matter.

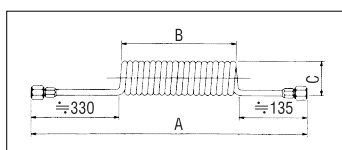
| Model No. | Pipe diameter<br>Inner dia. X Outer dia.<br>mm | Air consumption<br>L/min | Suction force<br>kPa | Air pressure<br>MPa | Pipe length<br>mm | Weight<br>g |
|-----------|--|--------------------------|----------------------|---------------------|-------------------|-------------|
| VCM-DF    | 11X14  | 260                      | 19.4                 | 0.49                | 100               | 504         |
| VCM-DF-1  | 5X11   | 260                      | 19.4                 | 0.49                | 200               | 545         |

• Air inlet : G1/4

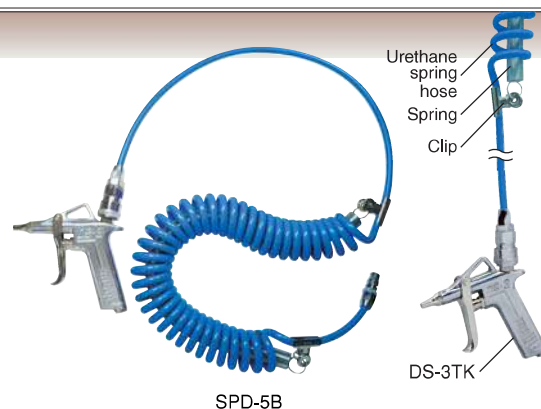


## SPRING DUSTER SET

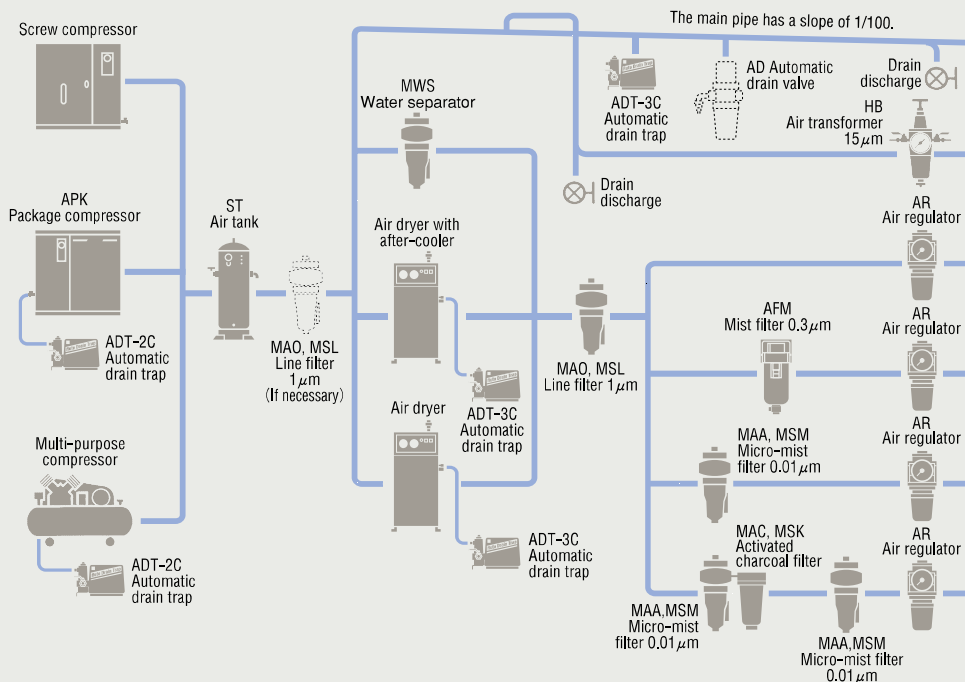
Sets consisting of a urethane spring hose and a spring are available for use with the Model DS-3TK air duster. The spring is inserted into the spring hose to prevent it from stretching and to keep the air duster suspended in the same position for improved work efficiency.



| Model No. | Spring duster set                            |                         | Urethane hose                       |         |         |         |                        | Spring               |                  |                 |
|-----------|--|-------------------------|-------------------------------------|---------|---------|---------|------------------------|----------------------|------------------|-----------------|
|           | Overall length when attached to duster<br>mm | Extendable length<br>mm | Inner dia.<br>×<br>Outer dia.<br>mm | A<br>mm | B<br>mm | C<br>mm | Normal pressure<br>MPa | Overall length<br>mm | Outer dia.<br>mm | Wire dia.<br>mm |
| SPD-3B    | 1,050  | 2,000                   | 5×8                                 | 680     | 180     | 42      | 0.7                    | 250                  | 18               | 1.0             |
| SPD-5B    | 1,550  | 4,000                   |                                     | 1,100   | 400     |         |                        | 400                  |                  |                 |



# CLEAN AIR SYSTEM



Even if spray gun offers superb performance, if the compressed air used contains dust, oil or drainage, the result will be swelling, warping, pinholes, uneven color and other defects in the painted surface. This problem can be overcome by using the appropriate combination of Meiji air cleaning equipment to suit the application.

For miscellaneous air work where the air may contain small amounts of water, oil or dust.

For general pneumatic tools and other equipment for which water must be removed but small amounts of dust or oil mist do not present a problem.

For magnetic valves and cylinders for general Industrial work, pneumatic equipment, and general painting work.

For precision industrial work, air jet rooms, high-grade painting, instruments, measurements, electronic components, conveying of bulk granule material, etc.

For use in the chemical, food product and pharmaceutical industries etc.

• Contact us for details.

## Superb spray gun has come from Japan

**High performance**  
**Well-balanced**  
**Beautiful finishing**

Beautiful finishing in thin and uniform paint film with wider spraying pattern.  
Reduction of spraying air pressure. Only 0.25MPa.  
Beautiful gun body with chrome plating brings long lasting and easy cleaning.  
Stainless steel passage for waterborne compatibility.



Center cup type

CE

F410-G

# F410 Series

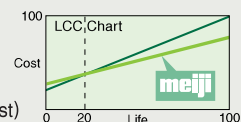


### Pursuit of LCC (Life Cycle Cost)

Meiji is aiming at product making giving priority to reduction of running cost while taking LCC into consideration.

### LCC (Life Cycle Cost)

- Initial cost (Purchases cost)
- Running cost (Operation cost, use cost)
- Maintenance cost (Maintenance and control cost)



\*Refer to page 5 for details.

• The mechanisms, specifications and other information described in this catalog are subject to change without notice.



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ISO 9001  
BUREAU VERITAS  
Certification



Approved in only Okayama factory and Technical department.