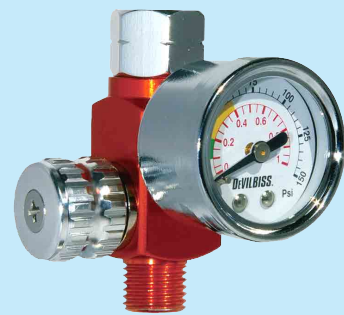


# Accessories

DEVILBISS®

## Air Valve (with gauge)



### HAV-503-B

#### Specifications

Air inlet : G1/4(M)  
Air outlet : G1/4(F)  
Weight : 103 g

Compact and light weighted air valve equipped with an air pressure gauge for easy precise adjustment.



### HAV-501-B

#### Specifications

Air inlet : G1/4(M)  
Air outlet : G1/4(F)  
Weight : 150 g

Compact and light weighted air valve equipped with an air pressure gauge for easy precise adjustment.

## SHiM-MASK

### SHIM-3

#### Specifications

Size : 120x120 mm  
Thickness : 50 µm(0.05mm)  
Material : Stainless steel  
Quantity : 3 pieces/set



Ultra thin stainless steel plate to protect the removal of dust and lumps of painted surfaces.

## Spray Gun Maintenance Kit



### SMK-101

- LUNA Series
- JJ gun Series

### SMK-105

- LUNA2 Series

Gun maintenance kit for keeping trouble-free and comfortable spraying.

## Air Filter



### HAF-507 (Whirlwind™)

#### Specifications

Weight : 50g  
HAF-507 : 1 piece  
HAF-507-K12 : 12 pieces

A multi layered disposable air filter with trustworthy filtering. The strong points of this filter are minimum air pressure loss and durability.

## Multi Lid for 400ml gravity cup



### GFC-400

DeVilbiss original plastic lid that is easily open and close

## Aerodynamic

### DMG-501



DeVilbiss' ultimate air drying technology is designed for faster and energy efficient drying method used for waterborne paints to suit at various types of body shops.

#### Specifications

Air consumption : 325 l/min (at 0.35 MPa)  
Recommended working pressure range : 0.2-0.4 MPa

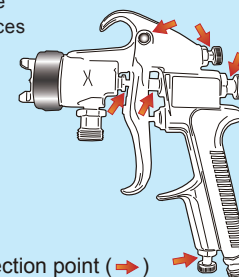
## Gun Lube

### SSL-10

Non material repelling gun lube with vegetable oil used.

#### Specifications

Capacity : 60 ml  
SSL-10 : 1 piece  
SSL-10-K12 : 12 pieces



Injection point (→)

DEVILBISS®

# Spray Gun CATALOGUE for Asia



DEVILBISS®

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For more information, please contact:

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**CARLISLE**  
FLUID TECHNOLOGIES



# DeVILBISS®

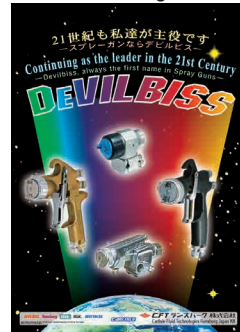
The world's first spraying technology was invented by Dr. Allen DeVilbiss in 1888. Since then, DeVilbiss has been a worldwide industry leader for atomizing technology, and spray gun quality for over 130 years.

## Our main points of consideration

DeVilbiss is committed to the development of innovative products and improvement of product functionality and quality based on an eco-friendly viewpoint that considers the global environment.

1. Anodized Aluminum processed fluid passage that suits waterborne paints.
2. High transfer efficiency that reduces VOC with improved coating technology.
3. Further improvements of atomization and finishing quality to avoid coating defects.

DeVilbiss  
Brand slogan



## HIGH TRANSFER EFFICIENCY

## LOW AIR CONSUMPTION

## FINE ATOMIZATION



Low  
Volume  
Medium  
Pressure

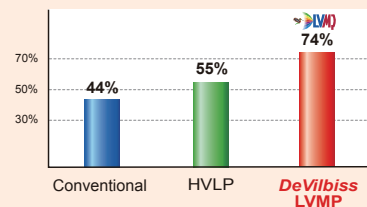
## Why does LVMP have better transfer efficiency !

The difference of the transfer efficiency between standard spray gun and HVLP gun is in the air velocity. Both air velocities are in the same sound-speed area when an instant of coming out from the air cap. However, when it becomes the distance of approximately 200mm, it generates large difference. Therefore, if the velocity is low at 200mm distance, the transfer efficiency becomes better even atomized with higher air pressure than HVLP.

| Gun types        | Air inlet pressure (MPa) | Air cap pressure (MPa) | Air consumption (l/min) | Air velocity (m/sec) | Transfer efficiency (%) |
|------------------|--------------------------|------------------------|-------------------------|----------------------|-------------------------|
| LVMP Gun         | 0.25                     | 0.20                   | 280                     | 16                   | 74                      |
| HVLP Gun         | 0.45                     | 0.09                   | 750                     | 19                   | 55                      |
| Conventional Gun | 0.40                     | 0.35                   | 500                     | 22                   | 44                      |

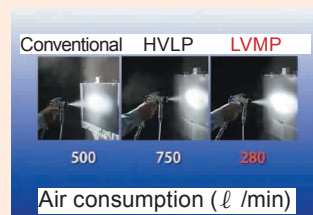
### High transfer efficiency

Better transfer efficiency is recognized, compared with conventional guns.



### Low air consumption

DeVilbiss original LVMP technology contributes low air consumption leading to cost reduction.



### Fine atomization

| Conventional     | HVLP            | LVMP              |
|------------------|-----------------|-------------------|
|                  |                 |                   |
| Medium particles | Large particles | Optimum particles |

Conditions :  
 • Air inlet pressure : 0.25 MPa • Delivery : 300 ml/min  
 • Distance : 200 mm

## eco "Environmental process" The leading task of Space Guns.

The DeVilbiss Space Gun takes a step forward as a leader in "Environmental care".

Eco-friendliness, ultra lightness, and high performance (high atomization, high transfer efficiency, low air consumption) are the three areas in which DeVilbiss leads. The Space Gun series is a pioneer product that is leading the way in eco-friendliness.

**"Magnesium"** is acknowledged as an eco-metal that is the least-harmful to the environment.

DeVilbiss has pioneered the use of magnesium gun bodies for maximum lightness and recyclability and has implemented such bodies on the APOLLO, LUNA and JUPITER series.

## Selecting the perfect hand spray guns : A

### What is the material to be coated?

#### Large Objects

- Steel frame, Control panel etc

#### Medium Objects

- Body shop, General metals etc

#### Small Objects

- Hobby, Parts etc

### Question-2

Do you own or plan to own a diaphragm pump or a pressure tank?

Hand Spray Gun

Pressure type

(Example)



### Question-1

Quantity of the coating objects.

Large quantity Small quantity

Large objects

Medium objects

Small objects

Suction type

(Example)



### Question-2

Do you own or plan to own a diaphragm pump or a pressure tank?

Gravity type

(Center or side cup)

(Example)



## Selecting by the size of the gun

(See "guide line-B" on page 4)

Medium, large size with high transfer efficiency.

L-size coating

M-size coating

Recommended Model(s)

① Apollo

① Apollo ⑨ GTi Pro LITE ⑩ GTi-Pro

Small and light weighted with high transfer efficiency.

L-size coating

M-size coating

S-size coating

⑤ JJ-K ⑥ LUNA2-R PLS ⑦ LUNA2i ⑬ NEPTUNE

⑤ JJ-K ⑥ LUNA2-R PLS ⑦ LUNA2i ⑬ NEPTUNE

⑤ JJ-K ⑥ LUNA2-R PLUS ⑪ SRi-Pro LITE

Medium, large size guns and mid-priced range.

L-size coating

M-size coating

S-size coating

② JGX ③ Jupiter ⑧ Jupiter Pro

② JGX ③ Jupiter ⑧ Jupiter Pro

② JGX ③ Jupiter ⑧ Jupiter Pro

Small, light weighted and cost efficient.

L-size coating

M-size coating

S-size coating

④ JJ ⑤ JJ-K

④ JJ ⑤ JJ-K ⑥ LUNA2-R PLS

⑤ JJ-K ⑥ LUNA2-R PLS ⑫ DEMI 2

| Super thin-film flat  | High arched wide   | Flat  | Center heavy A   | Center heavy B  |
|---|--|---|--|---|
|   |  |   |  |   |
| <ul style="list-style-type: none"> <li>• Pattern size 260mm-310mm</li> <li>• Applications: High-luminance metallic</li> </ul> | <ul style="list-style-type: none"> <li>• Pattern size 260mm-320mm</li> <li>• Applications: Color clears</li> </ul> | <ul style="list-style-type: none"> <li>• Coating thin film with even distribution.</li> <li>• Applications</li> </ul>   | <ul style="list-style-type: none"> <li>• Thick film with wide pattern width.</li> <li>• Applications</li> </ul>  | <ul style="list-style-type: none"> <li>• Thick film with narrow pattern width.</li> <li>• Applications</li> </ul> |
| <ul style="list-style-type: none"> <li>• LUNA2i-R-254</li> </ul>  | <ul style="list-style-type: none"> <li>• LUNA2i-R-255</li> </ul>   | <ul style="list-style-type: none"> <li>• GTi Pro LITE-TE10</li> <li>• SRi Pro LITE</li> <li>• Jupiter-Pro 510PLS</li> <li>• Jupiter-R-J1</li> <li>• LUNA2-R-244 PLUS</li> <li>• DEMI 2</li> </ul> | <ul style="list-style-type: none"> <li>• GTi Pro LITE-TE20</li> <li>• GTi Pro -TE20</li> <li>• Jupiter-Pro 505</li> <li>• Jupiter-R-J2</li> <li>• LUNA2-R-245 LUS</li> </ul> | <ul style="list-style-type: none"> <li>• LUNA2-R-246 PLUS</li> </ul>  |



\* Spray Guns shown above are prepared with Gravity feed, Suction feed, and Pressure feed. (Refer p6~p11)

## Selecting the perfect hand spray guns : B

### 1. Select by feed type

#### 1-1 Gravity feed gun (Side cup and center cup)

Fluid flows to the gun by the gravitational force from the cup.  
Convenient for frequent color change or small coating jobs.  
The total gun weight is relatively light compared to suction feed.

#### 1-2 Suction feed gun

Fluid is drawn by the suction force generated on the air cap.  
Convenient for small to mid size coating jobs.

#### 1-3 Pressure feed gun

Fluid is sent from a pressure tank or a pump to the gun. Convenient for spraying with same colors. The fluid is passed from the fluid hose to the gun, reducing the total weight of the gun.

### 2. Select by the size

#### 2-1 Small size guns

Useful for coating small objects, or areas, and often used for automobile spot touch ups. Suitable for low viscosity fluids, or low delivery applications.

#### 2-2 Mid size guns

Including automotive refinishing, these guns cover a wide variety of spraying purposes.

#### 2-3 Large size guns

Adequate for spraying large objects, or large areas. Compatible with mid viscosity fluids, and high delivery spraying.

### Hand Spray Gun Selection Table

| Model Name | Tip size | Type | Air cap No. |       |       | Applications    |          |          |                        |          |           |               |                     |       |             |          |                  |                    |         |
|------------|----------|------|-------------|-------|-------|-----------------|----------|----------|------------------------|----------|-----------|---------------|---------------------|-------|-------------|----------|------------------|--------------------|---------|
|            |          |      |             |       |       | Automotive line |          |          | Automotive refinishing |          |           | General metal | Small Plastic parts | Woods | Steel frame | Adhesive | Porcelain glazes | Mold release agent | Leather |
|            |          |      |             |       |       | Middle coat     | Top coat | Touch-up | Block                  | Touch-up | All paint |               |                     |       |             |          |                  |                    |         |
| DEMI2      | 0.5      | G    | DL6         |       |       | -               | -        | ⊗        | -                      | ⊗        | -         | -             | ⊗                   | -     | -           | -        | -                | -                  | -       |
|            |          | G    | DR1         |       |       | -               | -        | ⊗        | -                      | ⊗        | -         | -             | ⊗                   | -     | -           | -        | -                | -                  | -       |
|            | 0.8/1.1  | G    | DL8         |       |       | -               | -        | ⊗        | -                      | ⊗        | -         | -             | ⊗                   | -     | -           | -        | -                | -                  | -       |
|            | 0.8      | G    | DR1         |       |       | -               | -        | ⊗        | -                      | ⊗        | -         | -             | ⊗                   | -     | -           | -        | -                | -                  | -       |
| JGX-502    | 1.1      | G    | DR1         |       |       | -               | -        | ⊗        | -                      | ⊗        | -         | -             | ⊗                   | -     | -           | -        | -                | -                  | -       |
|            | 0.8      | G    | 103         |       |       | -               | -        | -        | ○                      | -        | ○         | -             | -                   | -     | -           | -        | -                | ○                  | -       |
|            |          | G    | 143         |       |       | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | S    | 143         |       |       | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | ○                  | -       |
|            |          | P    | 165         |       |       | ⊗               | ⊗        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | ○        | -                | -                  | -       |
|            | 1.4      | G    | 143         |       |       | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | -     | ○           | -        | -                | -                  | ⊗       |
|            |          | S    | 143         |       |       | -               | -        | -        | ○                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | P    | 165         |       |       | ○               | ○        | -        | -                      | -        | -         | -             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            | 1.8      | S    | 143         |       |       | -               | -        | -        | -                      | -        | ⊗         | -             | -                   | -     | ○           | -        | -                | -                  | -       |
|            | 2.0      | G    | 120         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | ⊗     | ○           | -        | -                | -                  | -       |
| JGX-508    |          | S    | 120         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | ⊗     | ○           | -        | -                | -                  | -       |
|            | 2.5      | G    | 125         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | ○     | ○           | -        | -                | -                  | -       |
|            |          | S    | 125         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | ○     | ○           | -        | -                | -                  | -       |
|            | 1.1      | G    | 343         |       |       | -               | -        | -        | -                      | -        | -         | -             | ○                   | -     | -           | -        | -                | ○                  | -       |
|            |          | S    | 343         |       |       | -               | -        | -        | -                      | -        | -         | -             | ○                   | -     | -           | -        | -                | ○                  | -       |
|            |          | P    | 305         |       |       | ○               | ○        | -        | -                      | -        | -         | ○             | ○                   | -     | -           | -        | -                | ○                  | -       |
| JJ         | 1.4      | G    | 343         |       |       | -               | -        | -        | ○                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | ○                  | -       |
|            |          | S    | 343         |       |       | -               | -        | -        | ○                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | ○                  | -       |
|            |          | P    | 305         |       |       | ○               | -        | -        | -                      | -        | -         | -             | ○                   | -     | -           | -        | -                | -                  | -       |
|            |          | P    | 307         |       |       | ○               | -        | -        | -                      | -        | -         | -             | ○                   | -     | -           | -        | -                | -                  | -       |
| JJ-K       | 1.8      | S    | 343         |       |       | -               | -        | -        | -                      | ⊗        | -         | ○             | -                   | -     | -           | -        | -                | -                  | ○       |
|            | 0.8      | G    | 203         |       |       | -               | -        | ○        | -                      | ⊗        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            | 1.0      | G    | 243         |       |       | -               | -        | ○        | ○                      | -        | -         | -             | ○                   | -     | -           | -        | -                | -                  | -       |
|            | 1.3      | G    | 243         |       |       | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | S    | 243         |       |       | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            | 1.5      | G    | 243         |       |       | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
| JJ-K       |          | S    | 243         |       |       | -               | -        | -        | ○                      | -        | ○         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            | 1.8      | G    | 243         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | S    | 243         |       |       | -               | -        | -        | -                      | -        | ○         | -             | -                   | -     | -           | -        | -                | -                  | ○       |
|            | 0.8      | P    | 365         | 305MT | 307MT | -               | -        | -        | -                      | -        | -         | -             | ⊗                   | -     | -           | -        | -                | ○                  | -       |
|            |          | G    | 303         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | ○                  | -       |
|            | 1.0      | S    | 303         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | P    | 365         | 305MT | 307MT | ○               | -        | -        | -                      | -        | -         | ○             | ○                   | ○     | -           | -        | -                | ○                  | -       |
|            | 1.3      | G    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ⊗             | -                   | ○     | -           | -        | -                | -                  | -       |
|            |          | S    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |
|            |          | P    | 365         | 305MT | 307MT | ⊗               | -        | -        | -                      | -        | -         | ○             | ○                   | ○     | -           | ○        | -                | ○                  | -       |
| Neptune    | 1.5      | G    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            |          | S    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |
|            |          | G    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            | 1.8      | S    | 304         |       |       | -               | -        | -        | -                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            | 1.2      | G    | 110B        |       |       | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |
|            | 1.3      | G    | 110B        |       |       | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |
| FUN-cy Pro | 1.4      | G    | 110B        |       |       | -               | -        | -        | ⊗                      | -        | ○         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |
|            | 0.8      | G    | L08         |       |       | -               | -        | ○        | -                      | ○        | -         | -             | ○                   | -     | -           | -        | -                | ○                  | -       |
|            |          | P    | LP2         |       |       | -               | -        | -        | -                      | -        | -         | ⊗             | ⊗                   | -     | -           | -        | -                | ○                  | -       |
|            | 1.0      | G    | LGS         | 165P  |       | -               | -        | -        | ○                      | -        | -         | ⊗             | ⊗                   | ○     | -           | -        | -                | ○                  | -       |
|            |          | P    | LP2         |       |       | -               | -        | -        | -                      | -        | -         | ⊗             | ⊗                   | -     | -           | -        | -                | ○                  | -       |
|            | 1.3      | G    | LGS         |       |       | -               | -        | -        | ⊗                      | -        | -         | ⊗             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            |          | S    | LGS         |       |       | -               | -        | -        | ○                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |
|            |          | P    | LP2         | 165P  |       | -               | -        | -        | -                      | -        | -         | ⊗             | -                   | ⊗     | -           | ○        | -                | -                  | -       |
|            | 1.4      | G    | LGS         |       |       | -               | -        | -        | ⊗                      | -        | -         | ⊗             | -                   | ⊗     | -           | -        | -                | -                  | ○       |
|            |          | S    | LGS         |       |       | -               | -        | -        | ⊗                      | -        | -         | ⊗             | -                   | ⊗     | -           | -        | -                | -                  | -       |
|            |          | P    | LP2         |       |       | -               | -        | -        | -                      | -        | -         | ⊗             | -                   | ○     | -           | -        | -                | -                  | -       |
|            |          | P    | 165P        |       |       | -               | -        | -        | -                      | -        | -         | ⊗             | -                   | ○     | -           | -        | -                | -                  | -       |
|            | 1.5      | G    | LGS         |       |       | -               | -        | -        | ○                      | -        | ○         | ○             | -                   | ○     | -           | -        | -                | -                  | ○       |
|            |          | S    | LGS         |       |       | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | ⊗     | -           | -        | -                | -                  | ○       |
| FUN-cy Pro | 1.8      | G    | LGS         |       |       | -               | -        | -        | -                      | ⊗        | -         | ○             | -                   | -     | ○           | -        | -                | -                  | -       |
|            |          | S    | LGS         |       |       | -               | -        | -        | ○                      | -        | ⊗         | ○             | -                   | -     | ○           | -        | -                | -                  | ○       |
|            |          | P    | LP2         |       |       | -               | -        | -        | -                      | -        | -         | -             | -                   | ○     | -           | -        | -                | -                  | -       |
|            |          | P    | 165P        |       |       | -               | -        | -        | -                      | -        | ○         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |

G: Gravity type / S:Suction type / P:Pressure type

⊗ : Optimum ○ : Suitable -: Usable

### 3. Select by atomization

#### 3-1 High transfer efficient type (HVLP/LVMP)

Utilizing unique spraying methods, air flow quantity and air pressure differ from the conventional type, allowing a higher transfer efficiency.

From an ecological and financial viewpoint, a gun that provides high transfer efficiency and low paint scatter continues to be an important concern.

Although we recommend that you use this type of gun whenever possible, it may not be suitable for some types of paint or spray conditions. In those cases, please use the conventional type.

HVLP: High Volume Low Pressure

LVMP: Low Volume Medium Pressure

#### 3-2 Conventional type

An ordinary spraying method suited for almost all types of usage.

Typical recommended usage of the hand gun is as listed below.

Depending on the conditions of usage, optimum spraying method may change. Contact the nearest authorized DeVilbiss dealer or the DeVilbiss division for more information.

### Hand Spray Gun Selection Table

| Model Name   | Tip size | Type | Air cap No.  |      |      | Applications    |          |          |                        |          |           |               |                     |       |             |          |                  |                    |         |   |   |   |
|--------------|----------|------|--|------|------|-----------------|----------|----------|------------------------|----------|-----------|---------------|---------------------|-------|-------------|----------|------------------|--------------------|---------|---|---|---|
|              |          |      |  |      |      | Automotive line |          |          | Automotive refinishing |          |           | General metal | Small Plastic parts | Woods | Steel frame | Adhesive | Porcelain glazes | Mold release agent | Leather |   |   |   |
|              |          |      |  |      |      | Middle coat     | Top coat | Touch-up | Block                  | Touch-up | All paint |               |                     |       |             |          |                  |                    |         |   |   |   |
| LUNA2i       | 1.0      | G    | 254  |      |      | -               | -        | -        | ○                      | ○        | -         | ○             | ○                   | -     | -           | -        | -                | ○                  | -       |   |   |   |
|              | 1.3      | G    | 254  | 255  |      | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | ○       |   |   |   |
|              |          | S    | 254  | 255  |      | -               | -        | -        | ○                      | -        | -         | ○             | ○                   | -     | -           | -        | -                | ○                  | -       |   |   |   |
|              | 1.5      | G    | 254  | 255  |      | -               | -        | -        | ⊗                      | -        | ○         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | 254  | 255  |      | -               | -        | -        | ⊗                      | -        | -         | ○             | ○                   | -     | ○           | -        | -                | -                  | ○       |   |   |   |
|              | 1.8      | G    | 254  | 255  |      | -               | -        | -        | ○                      | -        | ⊗         | ○             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
| S            |          | 254  | 255  |      | -    | -               | -        | ○        | -                      | ⊗        | ○         | -             | -                   | ○     | ○           | -        | -                | -                  |         |   |   |   |
| LUNA2-R PLUS | 1.0      | G    | 244+   | 245+ |      | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.3      | G    | 244+   | 245+ |      | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | 244+   | 245+ |      | -               | -        | -        | ○                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.5      | G    | 244+   | 245+ | 246+ | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | 244+   | 245+ | 246+ | -               | -        | -        | ○                      | -        | -         | ○             | -                   | ○     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.8      | G    | 244+   | 245+ | 246+ | -               | -        | -        | -                      | -        | ○         | -             | -                   | ○     | -           | -        | -                | -                  | ○       |   |   |   |
| S            |          | 244+ | 245+   | 246+ | -    | -               | -        | -        | -                      | ○        | -         | -             | -                   | -     | ○           | -        | -                | ○                  |         |   |   |   |
| LUNA2-K      | 1.1      | P    | PL1  | PL2  | PL3  | ⊗               | ⊗        | -        | -                      | -        | -         | ○             | ○                   | -     | -           | ○        | -                | ○                  | -       |   |   |   |
|              | 1.4      | P    | PL1  | PL2  | PL3  | ○               | ○        | -        | -                      | -        | -         | ○             | ○                   | -     | -           | ○        | -                | -                  | -       |   |   |   |
| LUNA2-W      | 1.3      | G    | WH   |      |      | -               | -        | -        | ⊗                      | ○        | -         | ○             | -                   | -     | -           | -        | -                | ○                  | -       |   |   |   |
| Apollo       | 0.7      | P    | High transfer efficiency type:<br><br>Various air caps are provided (Refer page11, "Apollo air cap combinations"). |      |      | -               | -        | -        | -                      | -        | -         | -             | -                   | ○     | -           | -        | -                | -                  | ○       | - |   |   |
|              | 1.1      | G    |  |      |      | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | ○           | -        | -                | -                  | -       | - | - |   |
|              |          | P    |  |      |      | ⊗               | ⊗        | -        | -                      | -        | ○         | ○             | ○                   | -     | ○           | -        | ○                | -                  | -       | - | - |   |
|              | 1.4      | G    |  |      |      | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | -     | ○           | -        | -                | -                  | -       | - | - | - |
|              |          | S    |  |      |      | -               | -        | -        | ⊗                      | -        | -         | ○             | -                   | -     | ○           | -        | -                | -                  | -       | - | - | - |
|              | 1.6      | P    |  |      |      | -               | -        | -        | -                      | -        | -         | -             | ○                   | ○     | -           | ○        | -                | ○                  | -       | ○ | - | - |
|              |          | G    |  |      |      | ○               | ○        | -        | -                      | -        | -         | -             | -                   | ○     | -           | ○        | -                | ○                  | -       | - | - | - |
|              | 1.8      | G    |  |      |      | -               | -        | -        | -                      | -        | -         | -             | ○                   | -     | -           | -        | -                | -                  | -       | - | - | - |
|              |          | S    |  |      |      | -               | -        | -        | -                      | -        | -         | -             | ⊗                   | ○     | -           | -        | -                | -                  | -       | - | - | ○ |
|              | P        | -    | -  | -    | -    | -               | -        | -        | -                      | -        | -         | -             | -                   | -     | ○           | ○        | -                | -                  |         |   |   |   |
|              | 2.2      | P    | 64   |      |      | -               | -        | -        | -                      | -        | -         | -             | -                   | -     | ○           | ○        | ⊗                | -                  | -       |   |   |   |
| 2.8          | P        | 62   |  |      | -    | -               | -        | -        | -                      | -        | -         | -             | -                   | -     | ○           | ⊗        | -                | -                  | -       |   |   |   |
| Jupiter      | 1.0      | G    | J1   | J2   |      | -               | -        | -        | ○                      | ○        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.1      | G    | J1   | J2   |      | -               | -        | -        | ○                      | ○        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.2      | G    | J1   | J2   |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.3      | G    | J1   | J2   |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | J1   | J2   |      | -               | -        | -        | ○                      | -        | -         | ○             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.4      | G    | J1   | J2   |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | J1   | J2   |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.5      | G    | J1   | J2   |      | -               | -        | -        | ○                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              |          | S    | J1   | J2   |      | -               | -        | -        | ○                      | -        | -         | ○             | -                   | ○     | ○           | -        | -                | ○                  | -       |   |   |   |
| 1.8          | G        | J1   | J2   |      | -    | -               | -        | -        | -                      | ○        | -         | -             | -                   | ○     | -           | -        | ○                | -                  |         |   |   |   |
|              | S        | J1   | J2   |      | -    | -               | -        | -        | -                      | ○        | -         | -             | -                   | ○     | -           | -        | -                | ○                  |         |   |   |   |
| Jupiter-K    | 1.1      | P    | P1   | P2   | P3   | ⊗               | ⊗        | -        | -                      | -        | -         | ⊗             | ⊗                   | -     | -           | ○        | -                | -                  | -       |   |   |   |
|              | 1.4      | P    | P1   | P2   | P3   | ⊗               | ⊗        | -        | -                      | -        | -         | ○             | -                   | ⊗     | -           | ○        | -                | -                  | -       |   |   |   |
| Jupiter Pro  | 1.2      | G    | 505  | 510+ |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.3      | G    | 505  | 510+ |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |
|              | 1.4      | G    | 505  | 510+ |      | -               | -        | -        | ⊗                      | -        | -         | -             | -                   | -     | -           | -        | -                | -                  | -       |   |   |   |



# Automotive refinishing spray guns **DeVILBISS**

Painting is a science!

Welcome to the world of professional painting technology



- Optimum for waterborne paints and high solid paints.
- Ergonomically designed adjustment knobs offer easy handling.
- High transfer efficiency.
- 4 colored snap rings offer easy identification of gun owner, and gun application.

## ■ GTi Pro LITE

- A lightweight DeVilbiss spray gun developed for busy professional painters needing the ultimate in quality finishes.
- Coaxial, low kick air valve design gives smoother feel for even greater air and paint control for ease of fade-outs and blend-ins.
- There are four types of air caps (three types for LVMP, one for HVLP).
  - \* TE10 / TE20 / T110 : for base / clear (LVMP)
  - \* HV30 : for waterborne (HVLP)

## ■ SRi-Pro LITE

- 4 types of air caps are provided. MC1 and TE5 for LVMP, HV5 for waterborne paints (HVLP), and RS1 for round spotting (HVLP).

## ■ Pro Series Specifications

| Model name                | Atomization | Air cap No. | Fluid tip size (Φ mm) | Type        | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Compressor (kW) | Applications / Others                    |
|---------------------------|-------------|-------------|-----------------------|-------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|-----------------|--|
| GTi-Pro LITE (Center cup) | LVMP        | TE10        | 1.3/1.4               | G (Gravity) | 290-310            | 270                     | 0.2                      | 160-190           | 629        | G 1/4     | Special     | 3.7             | For base/clear                           |
|                           |             | TE20        |                       |             | 285-300            | 360                     | 0.2                      | 170-200           |            |           |             |                 |  |
|                           | HVLP        | HV30        |                       |             | 300-325            | 460                     | 0.175                    | 160-190           |            |           |             |                 | For waterborne                           |
|                           | LVMP        | T110        |                       |             | 260-290            | 265                     | 0.2                      | 150-190           |            |           |             |                 | For base/clear                           |
| GTi-Pro (Center cup)      | LVMP        | TE10        | 1.3/1.4               | G (Gravity) | 290-310            | 270                     | 0.2                      | 160-190           | 681        | G 1/4     | Special     | 3.7             | For base/clear                           |
|                           |             | TE20        |                       |             | 285-300            | 360                     | 0.2                      | 170-200           |            |           |             |                 | For waterborne                           |
|                           | HVLP        | HV30        |                       |             | 300-325            | 460                     | 0.175                    | 160-190           |            |           |             |                 | For base/clear                           |
|                           | LVMP        | T110        |                       |             | 260-290            | 265                     | 0.2                      | 150-190           |            |           |             |                 |  |
| SRi-Pro LITE (Center cup) | LVMP        | MC1         | 0.6                   | G (Gravity) | 60                 | 50                      | 0.1                      | 80                | 500        | G 1/4     | Special     | 2.2             | For base/clear                           |
|                           |             | TE5         | 0.8                   |             | 160                | 100                     | 0.2                      |                   |            |           |             |                 | For metallics / pearls / solids / clears |
|                           | HVLP        | HV5         | 1.0                   |             | 50                 | 135                     |                          |                   |            |           |             |                 | For warterborne                          |
|                           |             | RS1         |                       |             |                    | 55                      |                          |                   |            |           |             |                 | For round pattern                        |
| Jupite Pro (Side cup)     | LVMP        | 510+        | 1.2/1.3/1.4           | G (Gravity) | 250                | 210                     | 0.15-0.2                 | 142               | 400        | G 1/4     | G 3/8       | 2.2             | For metallics / pearls                   |
|                           | HVLP        | 505         |                       |             | 230                | 305                     | 0.2-0.25                 | 138               |            |           |             |                 | solids / clears                          |

\* For improvement purposes, Design & Specifications may change without prior notice.

# Automotive refinishing spray guns **DeVILBISS**

An ultimate finish starts with an ultimate undercoat

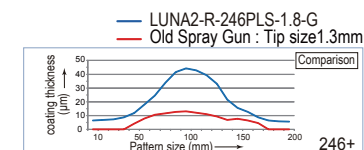
We have a full line up of exclusive guns that fit the needs of each of the above types of coating materials and have greatly improved the workability of automotive refinishing.



- Ultra light "Magnesium" body with PTFE coating (253g)
- Imports LVMP atomization for high transfer efficiency.
- Ergonomically designed grip for comfortable handling.
- Newly designed air valve seal provide additional reinforcement against air leakage.
- New featured fluid tip support improved fluid passage for less contamination on the air cap.
- Attached valves allow improved ease of usability, and adjustability.
- The gun-body is coated with "Jet Black" color, delivering cool and a quality finish.

## Primer Surfer Gun

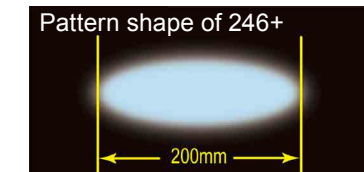
High viscosity Urethane for thick coating is ordinarily used as Primer surfacer paint. Pattern shape suited for Primer surfacer 246+ air cap (center heavy pattern) is excellent for thick undercoating. **Paint cost is saved by reduced numbers of applications.** In addition, 246+ air cap, which has excellent atomization quality with uniform particle size achieves an even and a smooth coated surface. This fine finishing **greatly reduces sanding work** needed for the high quality top coating finish.



## Air Cap [246 PLS] (for Primer Surfacers)



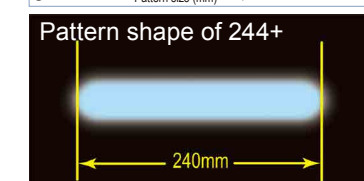
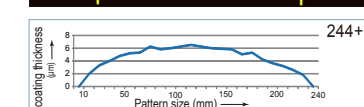
1. High transfer efficiency reduces recoats to achieve the required paint thickness.
  - \*Reduction in work fatigue
  - \*Saves paint
2. Smooth undercoated surface reduces sanding time
  - \*Reduces sanding workload
  - \*Saves sandpaper expenses
3. Quality undercoat creates a quality top coat.
  - \*For the ultimate finish



## Air Cap [244 PLS] (for Metallics/Pearls)



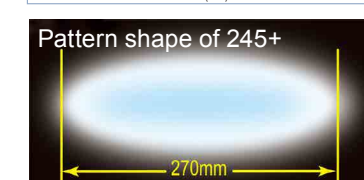
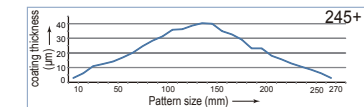
1. Reduces air turbulence and results in less contamination on the air cap.
2. Improves uniformity of the atomization of the whole spray pattern, widens the effective pattern area for easier use.
3. Widened spray pattern and uniformed finishing surface for an overlapping Metallic application.



## Air Cap [245 PLS] (for Solids/Clears)



1. Widened spray pattern (260 mm → 270 mm).
2. Center heavy pattern needed for clear coating.
3. Increased maximum flow rate for easier fine surface finish.



## ■ LUNA2-R PLUS Specifications

| Model name   | Atomization | Air cap No. | Fluid tip size (Φ mm) | Type       | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Compressor (kW) | Applications / Others                      |  |
|--------------|-------------|-------------|-----------------------|------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|-----------------|--|--|
| LUNA2-R-PLUS | LVMP        | 244+        | 1.0/1.3/1.5/1.8       | G(Gravity) | 240                | 200                     | 0.1-0.2                  | 85-210            | 253        | G 1/4     | G 1/4       | 2.2             | For auto refinishing<br>Metallics / Pearls |  |
|              |             |             | 1.3/1.5/1.8           | S(Suction) |                    |                         |                          |                   |            |           |             |                 | For auto refinishing<br>Solids / Clears    |  |
|              |             | 245+        | 1.0/1.3/1.5/1.8       | G(Gravity) | 270                | 220                     |                          |                   |            |           |             |                 | For auto refinishing<br>Solids / Clears    |  |
|              |             |             | 1.3/1.5/1.8           | S(Suction) |                    |                         |                          |                   |            |           |             |                 |  |  |
|              |             | 246+        | 1.5/1.8               | G(Gravity) | 200                | 200                     |                          |                   |            |           |             |                 |  | For auto refinishing<br>Primer surfacers |
|              |             |             | 1.5/1.8               | S(Suction) |                    |                         |                          |                   |            |           |             |                 |  |  |
|              |             |             |                       |            |                    |                         |                          |                   |            |           |             |                 |  |  |



# Automotive refinishing spray guns

DEVILBISS



MARK-II

New Super Flat  
Wide Pattern  
Meet painters' wide-  
ranging demands

## Super thin-film flat 254



Decrease uneven finishing result by  
equable micro particles and wide  
pattern, realizing easily fine finishing  
result.

## High arched wide 255



Gradual and low arched pattern  
allows you to realize fine finishing  
result with wet feeling by equable  
micro particles.

| Model name   | Atomization | Air cap No. | Tip size (Φ mm) | Type        | Pattern range (mm) | Delivery (ml/min) | Air consumption (l/min) | Air inlet (MPa) | Compressor (kw) | Weight (Gun only) (g) | Air inlet | Fluid inlet | Applications / Others  |
|--|-------------|-------------|-----------------|-------------|--------------------|-------------------|-------------------------|-----------------|-----------------|-----------------------|-----------|-------------|--|
| LUNA2i   | LVMP-Hi     | 254         | 1.0             | G (Gravity) | 260                | 80                | 191                     | 0.15            | 2.2             | 265                   | G 1/4     | G 1/4       | Color clears<br>Candy paint<br>High-luminance<br>metallics<br>Fine finishing<br>Medium to large<br>workpiece |
|  |             |             | 1.3             |             | 280                | 120               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.5             |             | 295                | 132               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.8             | S (Suction) | 310                | 155               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.3             |             | 280                | 120               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.5             |             | 295                | 132               |                         |                 |                 |                       |           |             |  |
|  |             | 255         | 1.8             | G (Gravity) | 310                | 155               | 182                     |                 |                 |                       |           |             |  |
|  |             |             | 1.0             |             | 260                | 78                |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.3             |             | 290                | 119               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.5             | S (Suction) | 300                | 130               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.8             |             | 320                | 155               |                         |                 |                 |                       |           |             |  |
|  |             |             | 1.3             |             | 290                | 119               |                         |                 |                 |                       |           |             |  |
| * For improvement purposes, Design & Specifications may change without prior notice. |             |             |                 |             |                    |                   |                         |                 |                 |                       |           |             |  |



Gravity type



Pressure type



Suction type

DEVILBISS Fun-cy Pro product line offers 3 types  
of spray gun (Gravity, Suction, Pressure), various  
tip sizes (0.8-1.8) . It enables to cover a wide variety  
of spray application such as automotive line,  
automotive refinishing, coating on metal, plastic,  
wood and other substrates.

- High transfer efficiency and fine atomization at medium pressure
- Ergonomically design - Improved handling
- Increase maintainability and performance
- Easy adjustment

## Fun-cy Pro specifications

\* For improvement purposes, Design & Specifications may change without prior notice.

| Model name | Atomization | Air cap No. | Fluid tip size (Φ mm) |     |         |     |     | Type                     | Pattern range (mm) | Air consumption (l/min) | Weight (g) | Air inlet | Fluid inlet | Applications / Others   |
|------------|-------------|-------------|-----------------------|-----|---------|-----|-----|--------------------------|--------------------|-------------------------|------------|-----------|-------------|---|
|            |             |             | 0.8                   | 1.0 | 1.3/1.4 | 1.5 | 1.8 |                          |                    |                         |            |           |             |   |
| FUN-CY Pro | LVMP        | L08         | ○                     | -   | -       | -   | -   | G(Gravity)               | 130                | 95l/min<br>0.15 MPa     | 320        | G 1/4     | G 1/4       | Low Volume, Spot, Touch-up  |
|            |             | LGS         | -                     | ○   | ○       | ○   | ○   | G(Gravity)<br>S(Suction) | 190-300            | 225l/min<br>0.2MPa      | 338        |           |             | Mid-High Volume, Auto-Refinishing<br>Metal / Wood / Plastic Finishing |
|            |             | LP2         | ○                     | ○   | ○       | ○   | ○   | P(Pressure)              | 170-385            | 230l/min<br>0.2MPa      | 344        |           |             | Low-High Volume, Metal / Wood /<br>Plastic Finishing                  |

DEMI II

Light-Weight 190g



with 150ml  
free-angle cup

with 250ml  
free-angle cup

Multi-mini spray guns active in a wide range of  
applications and purposes.

- **New Atomization Technology LVMP-FC (Flow Control)**  
This new atomization technology, ultra-low pressure range can be easily boosted and adjusted by controlling the air flow and reducing waste.
- **Low Air Consumption Air Cap**  
Air Caps are designed for exclusively small flow rate use and it provides Compared to the traditional products, air consumption for DL6 (60l/min) or DL8 (80l/min) is reduced by 15%-30%.
- **Innovative Light-Weight Design**  
Our innovative design includes a focus on the shape. Weight is always the bottleneck for the traditional forged body, but this light one weighs only 190g and fits in your hand well.

## DEMI 2 specifications

\* For improvement purposes, Design & Specifications may change without prior notice.

| Model name | Atomization | Air cap No. | Fluid tip size (Φ mm) | Type        | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Compressor (kW) | Applications / Others          |
|------------|-------------|-------------|-----------------------|-------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|-----------------|--------------------------------|
| DEMI 2     | LVMP-FC     | DL6         | 0.5                   | G (Gravity) | Max. 80            | 60                      | 0.1                      | 23                | 190        | G 1/4     | G 1/4       | 0.75            | Photocatalysts, Lure Toy, Spot |
|            |             | DL8         | 0.8                   |             | Max. 120           | 80                      |                          | 51                |            |           |             |                 |                                |
|            |             |             | 1.1                   |             | Max. 130           | 77                      |                          |                   |            |           |             |                 |                                |
|            |             | DR1         | 0.5                   | Round       | 20                 | 23                      |                          |                   |            |           |             |                 |                                |
|            |             |             | 0.8                   |             |                    | 51                      |                          |                   |            |           |             |                 |                                |
|            |             |             | 1.1                   |             |                    | 77                      |                          |                   |            |           |             |                 |                                |

# Automotive refinishing spray guns

DEVILBISS

The world's first  
magnesium  
center cup  
spray gun

NEPTUNE



The world most successful premium gun manufacturer  
for automotive refinishing "DeVilbiss" launches new  
center cup gun.

- Gun Body : Magnesium gun body with PTFE coating prevents from stains on its surface and for easy cleaning. All new ergonomic gun design ensures incredible handling and balance.
- Air Valve : Coaxial, inline less kick air valve provide with smooth trigger action and control for ease of gradation, fade-out and blend-into.
- Air Cap : 110B air cap is made of plated brass to be durable and its air atomization technology is LVMP (Also called TransTech or Compliant).
- Stainless steel fluid passage, needle and air inlet : The fluid passage, needle and air inlet are made of stainless steel, compatible with all types of paints including waterborne.

## NEPTUNE specifications

\* For improvement purposes, Design & Specifications may change without prior notice.

| Model name | Atomization | Air cap No. | Fluid tip size (Φ mm) | Type       | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Applications / Others                       |
|------------|-------------|-------------|-----------------------|------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|---|
| NEPTUNE    | LVMP        | 110B        | 1.2                   | G(Gravity) | Max. 300           | 288                     | 0.15                     | 146               | 379        | G 1/4     | Special     | Automotive Refinishing, Basecoat, clearcoat |
|            |             |             | 1.3                   |            |                    |                         |                          | 161               |            |           |             |   |
|            |             |             | 1.4                   |            |                    |                         |                          | 173               |            |           |             |   |

Jupiter

Suction type

Air Cap

J1

Gold:  
Metallics and pearls

J2

Green:  
Solids and clears



Gravity type

Jupiter cup(KGL-400-FA-JT)  
is sold separately



The Jupiter gun inherits the spirit of the 'GTi-Pro' pro  
handgun, and is a fusion of the high level technology  
found on the LUNA and APOLLO space guns, including the  
environmentally friendly lightweight magnesium body. Here are  
some of its exciting features:

- Super light magnesium body with PTFE coating.
- Body design based on ergonomic engineering (used on the UK-PRO series)
- 2 types of advanced air caps:  
(J1: For metallic & pearl / J2: For solid & clear paint)
- LVMP system developed by the DeVilbiss.
- Various fluid tips provided from Φ1.0-Φ1.5,Φ1.8.  
The air caps have won high praise, even in test-matches with various paint manufacturer's principal paint.
- Improved ease of use and maintainability.  
\* Self-adjusting needle packing. (used on the UK-PRO series)  
\* Smooth operating air valve structure.  
\* Adoption of new air valve structure design reduces trigger pull 'kick phenomenon'. (used on the UK-PRO series)  
\* Easy trigger removal and re-installation.  
\* New air cap design reduces contamination buildup.  
\* Easy gun identification with 4 color-coded snap-rings. (used on the UK-PRO series)

## Jupiter-R Specifications

\* Condition • Tip Size : Φ1.3 mm • Air Inlet pressure : 0.15 MPa

| Model name | Atomization | Air cap No. | Fluid tip size (Φ mm)          | Type       | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Compressor (kW) | Applications Others    |  |
|------------|-------------|-------------|--------------------------------|------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|-----------------|------------------------|--|
| JUPITER-R  | LVMP        | J1          | 1.0/1.1/1.2<br>1.3/1.4/1.5/1.8 | G(Gravity) | 250                | 180                     | 0.1-0.2                  | 120*              | 340        | G 1/4     | G 1/4       | 2.2             | For metallics / pearls |  |
|            |             |             | 1.3/1.4/1.5<br>1.8             | S(Suction) |                    |                         |                          |                   |            |           |             |                 |                        |  |
|            |             | J2          | 1.0/1.1/1.2<br>1.3/1.4/1.5/1.8 | G(Gravity) | 280                | 175                     |                          | 140*              |            |           |             |                 | For solids / clears    |  |
|            |             |             | 1.3/1.4/1.5/1.8                | S(Suction) |                    |                         |                          |                   |            |           |             |                 |                        |  |

\* For improvement purposes, Design & Specifications may change without prior notice.

For waterborne  
application

MARK-II-W



Exclusively for Waterborne

- Low pressure type (HVLP=High Volume Low Pressure). High volume air dehydrates water in the paint, maximize transfer efficiency, and minimize nonuniformity spraying.
- Recyclable magnesium gun body.
- The surface of gun body is coated with an eco-friendly, non-plated PTFE coating.
- The air cap of LUNA Mk-II-W is TUFRAM treated for less contamination around the air cap.
- Stainless steel trigger for waterborne use.
- Imports side entry gravity cup to ensure precise spraying and clear view of the coating object.
- Imports side entry gravity cup to ensure precise spraying and clear view of the coating object.

## LUNA Mk-2-W specifications

| Model name | Atomization | Air cap No. | Fluid tip size (Φ mm) | Type       | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet | Compressor (kW) | Applications / Others |
|------------|-------------|-------------|-----------------------|------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|-------------|-----------------|-----------------------|
| LUNA2-W    | HVLP        | WH          | 1.3                   | G(Gravity) | 230                | 220                     | 0.2                      | 140               | 267        | G 1/4     | G 1/4       | 2.2             | For waterborne        |

\* For improvement purposes, Design & Specifications may change without prior notice.



# General purpose spray guns

DEVILBISS

## Space Gun series

DeVilbiss' Space Gun leads a step forward in "Environmental care". Eco-Friendliness, ultra lightness, and high performance (high atomization, high transfer efficiency, low air consumption) are the three areas DeVilbiss leads. The Space Gun series is a pioneer product that is leading the way in eco-friendliness.

### ■ Apollo

- World's first Magnesium gun to achieve ultra lightness.
- Apollo uses quality trusted JGA air caps(conventional type) to achieve best atomization.
- To achieve high transfer efficiency, LVMP atomization is employed.
- Various air caps and tips matching wide range of applications

### ■ LUNA2-K

- Magnesium die-casting gun body is durable, light, and handy (265g).
- Ergonomically designed grip for comfortable handling.
- Imports LVMP atomization for high transfer efficiency.
- PTFE coated gun body reduces paint adhesion and maintenance time.



## Mid-size spray gun

### ■ JGX-502

- Improvements on compactness with the specifications of DeVilbiss best selling JGA specifications.

### ■ Jupiter-K

- PTFE coated magnesium body for ultra lightness.
- Improved usability and easy maintenance.

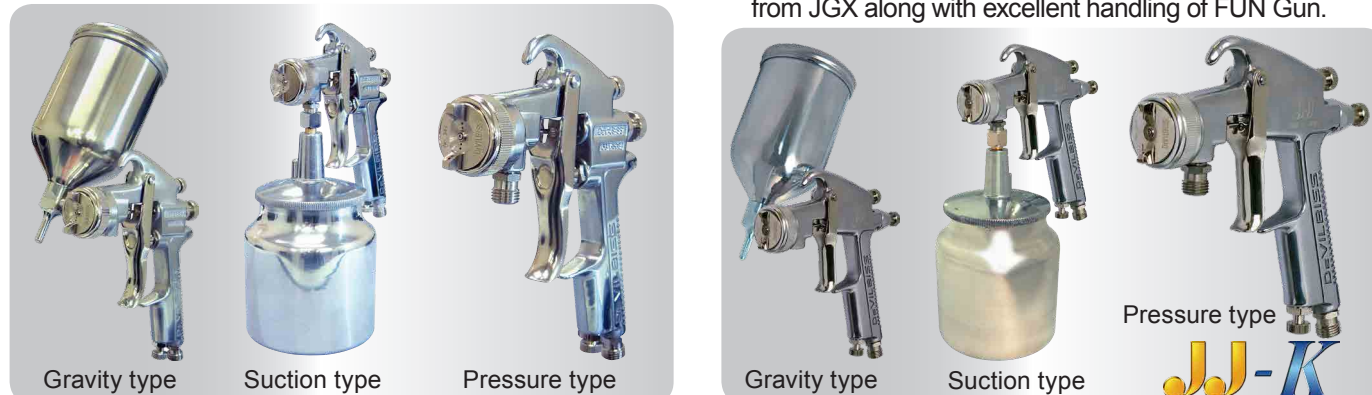


### ■ JGX-508

- Light weight, compact & easy operation high performance spray gun featuring finest atomization.

### ■ JJ (JGX-Junior) / JJ-K

- Lightness, compact body, and atomization is passed on from JGX along with excellent handling of FUN Gun.



## Apollo : Selection of air cap, fluid tip and gun type

### ■ LVMP Specifications

| Air cap No. | Pattern range (mm) | Type | Air consumption l/min (MPa) | Fluid tip size (mm) |     |     |     |     |     | Compressor (kW) | Applications               |
|-------------|--------------------|------|-----------------------------|---------------------|-----|-----|-----|-----|-----|-----------------|----------------------------|
|             |                    |      |                             | 0.7                 | 1.1 | 1.4 | 1.6 | 1.8 | 2.2 |                 |                            |
| 807         | 300                | P    | 280(0.25)                   | ○                   | -   | ○   | -   | -   | ○   | 2.2-3.7         | Automotive, Fine finishing |
| 805         | 220                | P    | 280(0.25)                   | ○                   | -   | ○   | -   | -   | ○   | 2.2-3.7         | Automotive, Fine finishing |
| 805MT       | 220                | P    | 280(0.25)                   | -                   | ○   | -   | ○   | -   | -   | 2.2-3.7         | Automotive, Fine finishing |
| 110         | 250                | S/G  | 230(0.2)                    | -                   | -   | -   | -   | -   | -   | 2.2-3.7         | Automotive refinishing     |

↳ G: Gravity type / S: Suction type / P: Pressure type

### ■ Conventional type Specifications

| Air cap No. | Pattern range (mm) | Type | Air consumption l/min (MPa) | Fluid tip size (mm) |     |     |     |     |     |     |   | Compressor (kW) | Applications                   |
|-------------|--------------------|------|-----------------------------|---------------------|-----|-----|-----|-----|-----|-----|---|-----------------|--------------------------------|
|             |                    |      |                             | 0.7                 | 1.1 | 1.4 | 1.6 | 1.8 | 1.8 | 2.2 | D |                 |                                |
| 43          | 300                | S/G  | 291 (0.28)                  | -                   | -   | ○   | -   | -   | ○   | -   | - | 2.2-3.7         | Auto refinishing, Metallic     |
| 64          | 360                | P    | 386 (0.28)                  | -                   | -   | -   | -   | -   | -   | ○   | - | 2.2-3.7         | Heavy body, Procelain glazes   |
| 67          | 360                | P    | 462 (0.35)                  | -                   | -   | -   | -   | ○   | -   | ○   | - | 2.2-3.7         | Procelain glazes               |
| 186         | 340                | S/G  | 274 (0.28)                  | -                   | -   | -   | ○   | ○   | -   | ○   | - | 2.2-3.7         | Auto refinishing, Metallic     |
| 704         | 230                | P    | 347 (0.28)                  | ○                   | ○   | ○   | -   | -   | -   | ○   | - | 2.2-3.7         | General                        |
| 705         | 230                | P    | 344 (0.28)                  | ○                   | ○   | ○   | -   | -   | -   | -   | - | 2.2-3.7         | General                        |
| 765         | 360                | P    | 412 (0.35)                  | -                   | ○   | ○   | -   | -   | -   | ○   | - | 2.2-3.7         | General, Fine finishing        |
| 777         | 360                | P    | 487 (0.35)                  | -                   | ○   | ○   | -   | -   | -   | ○   | - | 2.2-3.7         | Automotive, Metallic, Adhesive |
| 797         | 360                | P    | 493 (0.35)                  | -                   | ○   | ○   | -   | -   | -   | ○   | - | 2.2-3.7         | Automotive, Metallic           |
| 799         | 360                | P    | 493 (0.35)                  | -                   | ○   | ○   | -   | -   | -   | -   | - | 2.2-3.7         | Automotive, Metallic           |

↳ G: Gravity type / S: Suction type / P: Pressure type

## General purpose spray gun Specifications

| Model name | Atomization  | Air cap No. | Fluid tip size (Φ mm)            | Type        | Pattern range (mm) | Air consumption (l/min) | Air inlet pressure (MPa) | Delivery (ml/min) | Weight (g) | Air inlet | Fluid inlet    | Compressor (kW) | Applications   |       |     |
|------------|--------------|-------------|----------------------------------|-------------|--------------------|-------------------------|--------------------------|-------------------|------------|-----------|----------------|-----------------|--|-------|-----|
| LUNA2-K    | LVMP         | PL1         | GY (0.8)<br>FX (1.1)<br>FF (1.4) | P           | 170                | 205                     | 0.20                     | 200               | 265        | G 1/4     | G 1/4          | 2.2-3.7         | Wood, Plastic, General metal   |       |     |
|            | PL2          | 220         |                                  |             | 240                |                         |                          |                   |            |           |                |                 |  | 0.29  | 300 |
|            | Conventional | PL3         |                                  |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
| APOLLO-C   | Conventional | 43          | 1.4/1.6/1.8                      | G           | 110-250            | 290                     | 0.28                     | 150-240           | 367        | G 1/4     | G 1/4          | 2.2-3.7         | For base coat, Clear coat  |       |     |
|            |              | 186         |                                  | S           |                    |                         |                          |                   |            |           | G 3/8          |                 |  |       |     |
| APOLLO-L   | LVMP         | 110         | 1.4                              | G<br>S      | 250                | 230                     | 0.20                     | 210               | 367        | G 1/4     | G 1/4<br>G 3/8 | 2.2-3.7         | For base coat, Clear coat  |       |     |
| JJ         | Conventional | 203         | 0.8                              | G<br><br>S  | 100                | 80-220                  | 0.10                     | 50-240            | 330        | G 1/4     | G 1/4          | 0.75-2.2        | Low flow rate, Spot & Touch-up refinishing, Mid/High flow rate                   |       |     |
|            |              | 243         | 1.0/1.3/1.5/1.8                  |             | 250                |                         | 0.20                     |                   |            |           |                |                 |  |       |     |
|            |              |             | 1.3/1.5/1.8                      |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
| JJ-K       | Conventional | 203         | 0.8                              | G/S         | 100                | 80                      | 0.10                     | ♦80               | 350        | G 1/4     | G 1/4          | 0.75            | Wood, Plastic, General metal   |       |     |
|            |              | 303         | 1.0                              |             | 140                |                         |                          | 85                |            |           |                |                 |  |       |     |
|            |              | 304         | 1.3/1.5/1.8                      |             | 160                |                         | 145                      | 0.20              |            |           |                | 160             |  |       |     |
|            |              | 343         | 1.0                              |             | ♦100-250           |                         | 80-145                   | 0.10              |            |           |                | ♦80-170         |  |       |     |
|            |              |             | 1.3/1.5/1.8                      |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
|            |              | 365         | P                                |             | 220                |                         | 220                      | 0.20              |            |           |                | 300             |  | 2.2   |     |
|            | LVMP         | 305MT       |                                  | 0.8/1.0/1.3 | ♦220               | 200                     | ♦200                     |                   |            |           |                |                 |  |       |     |
|            | 307MT        |             |                                  |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
| Jupiter-K  | LVMP         | P1          | FX (1.1)<br>FF (1.4)             | P           | 250                | 200                     | 0.20                     | -500              | 348        | G 1/4     | G 3/8          | 2.2             | Wood, Plastic, General metal   |       |     |
|            | P2           | 300         |                                  |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
|            | Conventional | P3          |                                  |             | 400                |                         | 550                      |                   |            |           |                | 0.24            |  | 3.7   |     |
| JGX-502    | Conventional | 103         | GY(0.8)                          | G           | 100                | 80-260                  | 0.10                     | 50                | 430        | G 1/4     | G 1/4          | 1.5-2.2         | Low flow rate, Spot & Touch-up refinishing, Mid/High flow rate, Fine atomization |       |     |
|            |              | 143         | FX(1.1) / FF(1.4) / EX(1.8)      |             | 250                |                         | 0.20                     | 85-240            |            |           |                |                 |  |       |     |
|            |              |             | FF(1.4) / EX(1.8)                | S           |                    |                         |                          |                   |            |           |                |                 |  |       |     |
|            |              | 165         | FX(1.1) / (FF1.4)                | P           | 300                |                         | 440                      |                   |            |           | 100-300        | 440             |  | G 3/8 | 3.7 |
| JGX-508    | Conventional | 343         | 1.1                              | G           | 250                | 220                     | 0.24                     | 125               | 415        | G 1/4     | G 1/4          | 1.5             | Automotive refinishing   |       |     |
|            |              |             | 1.4                              |             |                    |                         |                          | 150               |            |           |                |                 |  |       |     |
|            |              |             | 1.1                              | S           |                    |                         |                          | 200               |            |           |                |                 |  | 0.20  | 100 |
|            |              |             | 1.4                              |             |                    |                         |                          |                   |            |           |                |                 |  |       | 145 |
|            |              |             | 1.8                              |             |                    |                         |                          |                   |            |           |                |                 |  |       | 200 |
|            |              |             | 1.1                              |             |                    |                         |                          |                   |            |           |                |                 |  |       | P   |
|            | LVMP         | 305         | 1.4                              | 170         |                    |                         |                          |                   |            |           |                |                 |  |       |     |
|            | 307          | 1.1         | 120                              |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |
|            |              | 1.4         | 170                              |             |                    |                         |                          |                   |            |           |                |                 |  |       |     |

Condition : Distance from cap = 200 mm / Paint viscosity = 20 sec(IHS) ♦13 sec(IHS)

\* For improvement purposes, Design & Specifications may change without prior notice.



# Auto spray guns

DEVILBISS

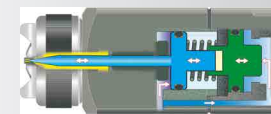
## For Robot-mounting compact auto guns



(Stainless steel body)



(Aluminum body)



2 Step triggering system  
(Patent pending)

### ■ T2AGPV

- The T2AGPV incorporates all the feature of the T-AGPV a standard compact spray gun in the market and also...
  - More durable
  - Easier to clean
  - Easier to maintain

The T2AGPV: An even higher class of automatic spray gun.



### ■ T-AGPV

- Tool-less half-twist detachment system for easy maintenance and installation.
- Widely used with robot systems.
- Perfectly suited to coat mid to large objects.

### ■ T-AGHV

- Stainless steel body for robust performance.
- Suited for low pressure high air flow / mid pressure high air flow.



### ■ T-AGB

- Aluminum, stainless steel, and highly corrosion resistance stainless steel body types for wide range of application.



## Stationary mounting auto guns for manufacturing line



### ■ AGX / AGXV

- Various air caps to select for different application.
- Straightforward design ensures trusted durability.



### ■ DA-300

- Compact, high performance, fine atomization, high transfer efficiency, and good cost performance.

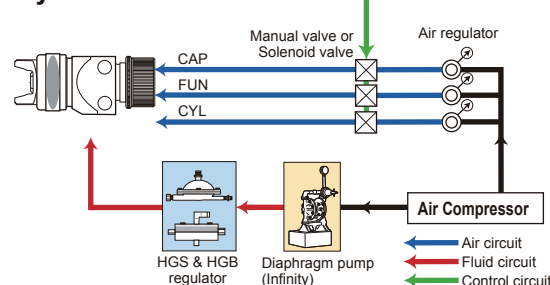
### ■ Compact guns for mounting on the robots.

Air valves are not mounted on compact auto guns. Refer to the system chart below.

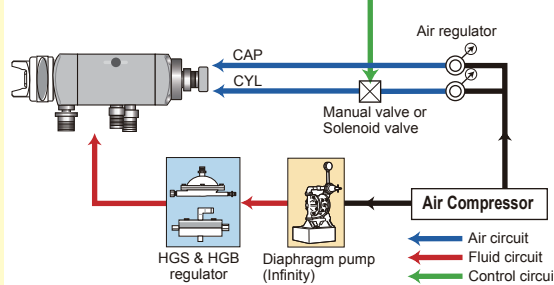
T2AGPV / T-AGPV / T-AGHV / T-AGPZ / T-AGB

AGXV / AGX / DA-300

#### System chart



#### System chart



| Model name  | Weight                | Applications   |
|-------------|-----------------------|--|
| T2AGPV      | 730 g(SUS) & 366g(Al) | Designed for robot-mounting. Mid/high flow rate. Stainless steel body & Aluminum body                        |
| T-AGPV      | 370g                  | Designed for robot-mounting. Mid/high flow rate  |
| T-AGPZ      | 550g                  | Designed for robot-mounting. Low flow rate   |
| T-AGHV      | 510g                  | Designed for robot-mounting. Mid/high flow rate  |
| T-AGB-862   | 270g                  | Designed for robot-mounting. Mid/high flow rate. Aluminum body, Lightweight                                  |
| T-AGB-872   | 540g                  | Designed for robot-mounting. Mid/high flow rate. Stainless steel body  |
| T-AGB-873   | 540g                  | Designed for robot-mounting. Mid/high flow rate. Nitride steel nozzle. Liquid for wear. Abrasive application |
| T-AGB-874   | 540g                  | Designed for robot-mounting. Mid/high flow rate. For abrasive application                                    |
| T-AGB-879   | 530g                  | Designed for robot-mounting. Mid/high flow rate. All stainless steel. For corrosive liquid                   |
| T-AGB-882   | 530g                  | Designed for robot-mounting. Mid/high flow rate. High corrosion-resistant Stainless. For corrosive liquid    |
| T-AGB-773   | 600g                  | Designed for robot-mounting. Mid/high flow rate. Nitride steel nozzle, needle. For porcelain glazes          |
| T-AGB-774   | 600g                  | Designed for robot-mounting. Mid/high flow rate. TC nozzle, needle. For porcelain glazes                     |
| DA-300      | 507g                  | Designed for automatic machine, Stationary mounting. General purpose   |
| AGX-550     | 728g                  | Designed for automatic machine, Stationary mounting. General purpose   |
| AGX-552     | 728g                  | Designed for automatic machine, Stationary mounting. For porcelain glazes                                    |
| AGX-553     | 728g                  | Designed for automatic machine, Stationary mounting. For porcelain glazes                                    |
| AGXV-541    | 740g                  | Designed for automatic machine, Stationary mounting.   |
| AGXV-541-TC | 740g                  | Designed for automatic machine, Stationary mounting. For porcelain glazes                                    |

### Specifications (Auto Spray gun)

| Model name           | Atomization pressure (MPa) | Fluid pressure (MPa) | Operating pressure (MPa) | Fluid inlet                   | Cylinder air inlet | Atomization air input | Pattern air inlet | Weight (g)             |
|----------------------|----------------------------|----------------------|--------------------------|-------------------------------|--------------------|-----------------------|-------------------|------------------------|
| LVMP                 | 0.1-0.4                    | 0.7                  | 0.35-0.7                 | G 3/8 Standard G 1/4 (option) | G 1/4              | G 1/4                 | -                 | 740                    |
|                      |                            |                      | 0.35-0.5                 | 6×4Φ Fluid tube               | 6×4Φ Air tube      | 6×4Φ Air tube         | 6×4Φ Air tube     | 730(SUS) 366(Aluminum) |
|                      |                            |                      |                          |                               |                    |                       |                   | 345                    |
|                      |                            |                      |                          |                               |                    |                       |                   | 370                    |
|                      |                            |                      |                          |                               |                    |                       |                   | 510                    |
|                      |                            |                      |                          |                               |                    |                       |                   | 507                    |
| L-press. atomization | 0.1-0.3                    | 0.69                 | 0.25-0.4                 | 6×4Φ Fluid tube               | 6×4Φ Air tube      | 6×4Φ Air tube         | 6×4Φ Air tube     | 550 (Full-auto)        |
| Conventional         | 0.1-0.7                    | 0.7                  | 0.35-0.7                 | G 3/8 Standard G 1/4 (option) | G 1/4              | G 1/4                 | -                 | 728                    |
|                      |                            |                      | 0.35-0.5                 | R 1/8                         | R 1/8              | R 1/8                 | R 1/8             | 540                    |

\* For improvement purposes, Design & Specifications may change without prior notice.

### Air cap selection table (Auto Spray Gun)

| Air cap No. | Atomization              | Compatible models  | Fluid tip size |          |          |     |     |          |           |     |          |     |          |           |         |          |     |         |          | Applications              |                            |                           |
|-------------|--------------------------|--------------------|----------------|----------|----------|-----|-----|----------|-----------|-----|----------|-----|----------|-----------|---------|----------|-----|---------|----------|---------------------------|----------------------------|---------------------------|
|             |                          |                    | G (0.7)        | GX (0.7) | GD (0.7) | 0.8 | 1.0 | FX (1.1) | DFX (1.1) | 1.1 | FF (1.4) | 1.4 | FW (1.6) | DFW (1.6) | E (1.8) | EE (1.8) | 1.8 | D (2.2) | AC (2.8) |                           |                            |                           |
| 62          | Conventional             | AGX T-AGB          | -              | -        | -        | -   | -   | -        | -         | -   | -        | -   | -        | -         | -       | -        | -   | -       | ○        | Architecture material     |                            |                           |
| 64          |                          |                    | -              | -        | -        | -   | -   | -        | -         | -   | -        | -   | -        | -         | -       | -        | -   | -       | ○        | -                         | Porcelain glazes, Adhesive |                           |
| 67          |                          |                    | -              | -        | -        | -   | -   | -        | -         | -   | -        | -   | -        | -         | -       | -        | ○   | -       | -        | -                         | Porcelain glazes           |                           |
| 704         |                          |                    | ○              | -        | -        | -   | -   | -        | ○         | -   | -        | ○   | -        | -         | -       | ○        | -   | -       | -        | -                         | -                          | Wood                      |
| 705         |                          |                    | ○              | -        | -        | -   | -   | -        | ○         | -   | -        | ○   | -        | -         | -       | ○        | -   | -       | -        | -                         | -                          | Wood                      |
| 765         |                          |                    | ○              | -        | -        | -   | -   | -        | ○         | -   | -        | ○   | -        | -         | -       | ○        | -   | -       | -        | -                         | -                          | Automotive body           |
| 777         |                          |                    | -              | -        | -        | -   | -   | -        | ○         | -   | -        | ○   | -        | -         | -       | ○        | -   | -       | -        | -                         | -                          | Automotive body           |
| 797         |                          |                    | -              | -        | -        | -   | -   | -        | ○         | -   | -        | ○   | -        | -         | -       | ○        | -   | -       | -        | -                         | -                          | Automotive body           |
| 805         | LVMP                     | AGXV T-AGHV T-AGPV | -              | -        | ○        | -   | -   | -        | ○         | -   | -        | -   | -        | ○         | -       | -        | -   | -       | -        | -                         | Bumper, Automotive body    |                           |
| 807         |                          |                    | -              | -        | ○        | -   | -   | -        | ○         | -   | -        | -   | -        | ○         | -       | -        | -   | -       | -        | -                         | Wheel, Automotive body     |                           |
| 805MT       |                          |                    | ○              | -        | -        | -   | -   | ○        | -         | -   | ○        | -   | -        | -         | -       | -        | -   | -       | -        | -                         | Headlamp, Lap top          |                           |
| 805MT2      |                          | T2AGPV             | ○              | -        | -        | -   | -   | ○        | -         | -   | ○        | -   | ○        | -         | ○       | -        | -   | -       | -        | -                         | Headlamp, Lap top          |                           |
| 807MT2      |                          |                    | -              | -        | -        | -   | -   | ○        | -         | -   | ○        | -   | ○        | -         | ○       | -        | -   | -       | -        | -                         | Wheel, Automotive body     |                           |
| 305MT       |                          |                    | -              | -        | -        | ○   | -   | -        | -         | ○   | -        | ○   | -        | -         | -       | -        | ○   | -       | -        | -                         | -                          | Mobile phone, fishing rod |
| 307MT       |                          | DA-300             | -              | -        | -        | ○   | -   | -        | -         | ○   | -        | ○   | -        | -         | -       | -        | ○   | -       | -        | -                         | Wheel, Lap top             |                           |
| 345         |                          |                    | -              | -        | -        | ○   | -   | -        | -         | ○   | -        | ○   | -        | -         | -       | -        | ○   | -       | -        | -                         | Wheel, Lap top             |                           |
| Z1          | Low pressure atomization | T-AGPZ             | -              | -        | -        | -   | ○   | -        | -         | -   | -        | -   | -        | -         | -       | -        | -   | -       | -        | Mobile phone, Small parts |                            |                           |

## Special Auto Spray Gun

DEVILBISS

### AGX : Auto gun with extension nozzle

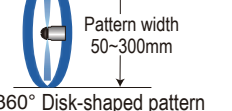
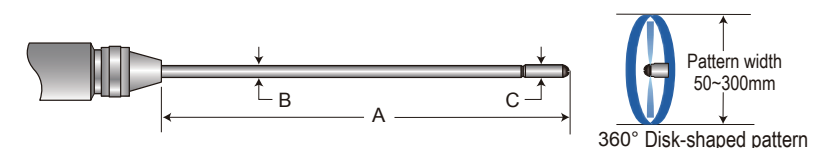
Auto guns for coating the inner surface of pipes.

#### ■ Specifications

| Model name | A       | B      | C       |
|------------|---------|--------|---------|
| AGX-5021   | 305 mm  | Φ10 mm | Φ9.5 mm |
| AGX-5022   | 457 mm  |        |         |
| AGX-5023   | 610 mm  |        |         |
| AGX-5024   | 914 mm  |        |         |
| AGX-5025   | 1067 mm |        |         |



- \* Length of the handle is adjustable upon request.
- \* Hand gun types are available upon request.





# Fluid Cups (Gravity & Suction type)

DEVILBISS

**KGL-400-FA-JT**  
(Free angle type)



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Anodized aluminum

(Champagne gold)

Gravity type

Apply spray gun :  
Jupiter-R

**KGL-400-FA-ST**  
(Free angle type)



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Anodized aluminum

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KGL-600**



■ Specifications  
Fluid connection : G1/4  
Capacity : 600 ml  
Material : Anodized aluminum

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KG-400C-FA**  
(Free angle type)



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Stainless Steel

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KG-400T**  
(PTFE Coated)



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Stainless Steel

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KG-400C**



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Stainless Steel

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KGL-150-FA-DEMI-ST**  
(Free angle type)



■ Specifications  
Fluid connection : G1/4  
Capacity : 150 ml  
Material : Anodized aluminum

Gravity type

Apply spray gun :  
DEMI2

**KG-250-FA-DEMI**  
(Free angle type)



■ Specifications  
Fluid connection : G1/4  
Capacity : 250 ml  
Material : Stainless Steel

Gravity type

Apply spray gun :  
DEMI2

**KGP-4**



■ Specifications  
Fluid connection : G1/4  
Capacity : 400 ml  
Material : Plastic

Gravity type

Apply spray gun :  
Apollo / JJ / JJ-K / JGX  
LUNA2-R PLUS / LUNA2i

**KR-470-1C**



■ Specifications  
Fluid connection : G3/8  
Capacity : 700 ml  
Material : Aluminum

Suction type

Apply spray gun :  
Apollo / JGX

**KR-470-2C**



■ Specifications  
Fluid connection : G1/4  
Capacity : 700 ml  
Material : Aluminum

Suction type

Apply spray gun :  
Jupiter & Pro / JJ / JJ-K  
LUNA2-R PLUS

**KR-555-1A/2J**  
(Clamp type)



■ Specifications  
KR-555-1A  
Fluid connection : G3/8  
Capacity : 1000 ml  
Material : Aluminum

KR-555-2J  
Fluid connection : G1/4  
Capacity : 1000 ml  
Material : Aluminum

Suction type

Apply spray gun :  
1A: Apollo / JGX 2J: JJ / JJ-K  
/ LUNA2-R PLUS / Jupiter

**TLC-555**  
(PTFE Coated)



■ Specifications  
Fluid connection : G3/8  
Capacity : 400 ml  
Material : Anodized aluminum

Suction type

Apply spray gun :  
Apollo / JGX

**KB-555**



■ Specifications  
Air connection : G1/4  
Fluid connection : G3/8  
Capacity : 2000 ml  
Material : Aluminum

Remote cup

Apply spray gun :  
Jupiter-K / JGX  
Pressure gun only

# Pressure tanks

DEVILBISS

## Pressure Tanks

Pressure tanks are designed for low or mid viscosity applications under the pressure of 0.3 MPa.

### Specifications

DPT-20A : With air motor agitator  
DPT-20H : With manual agitator  
Max. pressure : 0.3 MPa  
Capacity : 20l  
Fluid passage material : Stainless steel, Aluminum, Brass

Standard accessories : Stainless steel typed inner container, rollers.

■ DPT-20A



■ DPT-20H



# Fluid Regulators

DEVILBISS

## Fluid Regulators

- Fluid passages of all regulators are stainless steel (SUS 303).
- Various types of models to choose from according to purpose.
- HGB types are easier to clean due to reduced paint residue in the fluid passage.

| Model name      | Pressure adjustment |           | Primary pressure | Secondary pressure | Maximum flow   | Pressure gauge | Applications                    |
|-----------------|---------------------|-----------|------------------|--------------------|----------------|----------------|---------------------------------|
|                 | Manual              | Pilot air | Min./Max.        | Min./Max.          | Input pressure | yes / no       |                                 |
| HGB-509         | ○                   | -         | 0.2/1.25         | 0.05/0.5           | 13 l/min       | no             | For general use                 |
| HGB-609-1.2     | ○                   | -         | 0.1/0.8          | 0.015/0.12         | 8.3 l/min      | yes 0-0.25     | For low pressure                |
| HGB-609-5       | ○                   | -         | 0.2/1.25         | 0.05/0.5           | 13 l/min       | yes 0-0.6      | For general use                 |
| HGB-609-9       | ○                   | -         | 0.3/1.5          | 0.1/0.9            | 13 l/min       | yes 0-1.0      | For general use                 |
| HGB-510-R1      | -                   | ○         | 0.2/1.5          | 0.05/1.5           | 1.6 l/min      | no             | For general use                 |
| HGB-510-R2      | -                   | ○         | 0.1/1.5          | 0.015/0.7          | 1.3 l/min      | no             | For system link                 |
| HGB-510-R4      | -                   | ○         | 0.1/1.5          | 0.015/0.4          | 0.8 l/min      | no             | For system link                 |
| HGB-510-R4PZ-05 | -                   | ○         | 0.1/1.5          | 0.015/0.4          | 0.25 l/min     | no             | For system link, small delivery |
| HGB-510-R4PZ-07 | -                   | ○         | 0.1/1.5          | 0.015/0.4          | 0.35 l/min     | no             | For system link, small delivery |

Size : MPa



| Model    | Pressure adjustment |           | Fluid inlet 1/4 PS |                      | Fluid outlet |                   | Weight (g) |
|----------|---------------------|-----------|--------------------|----------------------|--------------|-------------------|------------|
|          | Manual              | Pilot air | Circulation type   | Non-circulation type | 3/8" Nut     | 1/4" Stand (pipe) |            |
| HGS-5112 | -                   | ○         | ○                  | -                    | ○            | -                 | 212        |
| HGS-5113 | -                   | ○         | ○                  | -                    | ○            | ○                 | 257        |
| HGS-5132 | -                   | ○         | -                  | ○                    | ○            | -                 | 188        |
| HGS-5212 | ○                   | -         | ○                  | -                    | ○            | -                 | 210        |

### Specifications

Primary fluid pressure : 0.35 MPa (Min.)-2.1 MPa (Max.)  
Secondary pressure adj. range : 0.014 MPa-0.7 MPa  
Fluid flow range : 150-2,500 ml/min (Standard)

### NBP-101

Back pressure valve for small circulation pump and diaphragm use.

Pipe diameter : Input 1/4 PT, Output 3/8 PF  
Pressure adjustment range : 0.1 MPa-0.5 MPa  
Delivery : 20l/min (Max)

- NBP-101 Back pressure valve
- HGB-609 with gauge
- HGB-509 for manual adjustment
- HGB-510-R1/R2/R4 Remote air adjustment (System link)
- HGS Gun regulator



# Diaphragm Pumps

**BINKS**

## Description

The DX Pump series is a diaphragm pump made from compounds including Viton rubber and polytetrafluoroethylene (PTFE), using the up-and-down movement to pump various types of liquids.

A special change over mechanism of the air supply (patent pending) assures a non-stalling feature as well as the possibility to run the pump even at very low air pressures.

Model equipped with a built-in fluid regulator to make the pressure adjustable is also available.

## Main features of DX pump series

- Low surge.
- Low & easy maintenance.
- Model with built-in fluid regulator available.
- Intelligent change over mechanism (patent pending).
- Proven materials of conductive acetal compounds.
- Patented design diaphragm provides longer life compared to standard diaphragm.

### ■ With fluid regulator

- DX70 R-00 • DX200 AR-00 • DX200 SR-00

### ■ Without fluid regulator

- DX70 N-00 • DX200 AN(AM)-00
- DX200 SN(SM)-00

DX70

DX200

DX70 with tripod

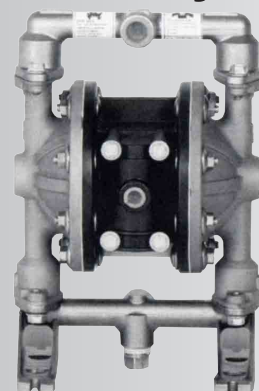
## ■ Specifications

| Model name       | Fluid section | Flow per cycle (l) | Max flow at 15 cycles (l/min) | Ratio | Fluid pressure at 6 bar air |
|------------------|---------------|--------------------|-------------------------------|-------|-----------------------------|
| DX 70 DX70N-FF-1 | Plastic       | 0.070              | 1.05                          | 1:1   | 0.6 MPa                     |
| DX 200           | Al/SS         | 0.200              | 3.0                           | 1:1   | 0.6 MPa                     |
| DX 200-3         | SS            | 0.200              | 3.0                           | 3:1   | 1.8 MPa                     |

| Model name       | PRIMARY FUNCTION                             |
|------------------|--|
| DX 70 DX70N-FF-1 | Direct spray application                     |
| DX 200           | Direct spray application & Paint circulation |
| DX 200-3         | Paint circulation                            |

\* For improvement purposes, Design & Specifications may change without prior notice.

## Infinity



818830  
818831

## Gemini II



41-818823

## Main Features (Infinity/Gemini II)

- Ideal for standard air spray gun, or HVLP/LVMP gun applications.
- High volume transfer.
- Used in place of pressure tanks when the application requires two or more tank refills per shift.
- Best for abrasive material due to its superior durability.
- Large bore passages designed for shear sensitive materials.
- In case of dry running, damage can be minimized.

| Model name | Fluid section     | Flow per cycle (l) | Max flow at 15 cycles (l/min) | Ratio |
|------------|-------------------|--------------------|-------------------------------|-------|
| 818830     | SS                | 0.150              | 49.2                          | 1:1   |
| 818831     | Conductive acetal | 0.083              | 26.5                          | 1:1   |
| 41-818823  | Al/SS             | 0.600              | 9.0                           | 1:1   |

\* For improvement purposes, Design & Specifications may change without prior notice.

# World DeVilbiss Spray Guns

**DEVILBISS**

## JGA HD

Pressure Spray Gun for Enamel, Ceramic and Glaze Applications



- The gun body is produced from drop forged aluminum.
- The standard gun comes with stainless steel fluid tip and needle. The hardened tip and needle and tungsten carbide type are also available as options.

## ■ Specifications

| Air Cap No. | Tip size | Air Flow (0.34 MPa, l/min) |
|-------------|----------|----------------------------|
| 62HD        | 2.8 mm   | 502                        |
| 64HD        | 2.2 mm   | 488                        |
| 67HD        | 1.8 mm   | 539                        |
| 69HD        | 2.2 mm   | 572                        |

## AGN-502

Automatic Spray Gun for Ceramic and Enamel Applications



- Needleless, diaphragm automatic spray gun (on/off by diaphragm). Thus no needle wearing.
- The gun body is compact and light weight.
- Equipped with high grade stainless steel fluid tip.
- As an option there is a hardened nitralloy steel Fluid Tip available.

## AG-360 Series

Low Pressure Air Atomization Automatic Spray Gun Range

- Either a conventional, HVLP (large air volume, low air pressure) or LVMP (low air volume, medium air pressure) atomization method can be selected.
- Simple construction and easy maintenance for minimal down-time
- Quick detachable mounting manifolds provide fast and easy maintenance.
- Stainless Steel Fluid Passageways for Waterborne & Solvent based coating applications.
- Compact size and weight for easy positioning and precise alignment.
- Multiple options and formats to evolve for all application requirements.

## ■ Specifications

| Model Name     | Dimensions (L)×(H)×(W) | Weight               |
|----------------|------------------------|----------------------|
| AG-361         | 140×67×44 mm           | 668g                 |
| AG-362         | 122×67×44 mm           | 557g                 |
| Manifold       | Dimensions (L)×(H)×(W) | Weight               |
| Cam Manifold   | 60×44×53 mm            | 347g                 |
| Screw Manifold | 59×63×20 mm            | 268g                 |
| Automatic Gun  | Air Inlet Pressure     | Fluid Inlet Pressure |
| AG-361/AG-362  | 0.7 MPa                | 0.7 MPa              |

## AG-361E

Ceramic & Enamel Industry Gun



## AG-362

Industrial Coating Gun



## AG-363

Air Assisted Airless Automatic Spray Gun



## DAGR Airbrush



## DGR-501G-35



Storage case

## DGR-501G-35

Hairline detail to high paint-flow shading and gradual fades.

## ■ Specifications

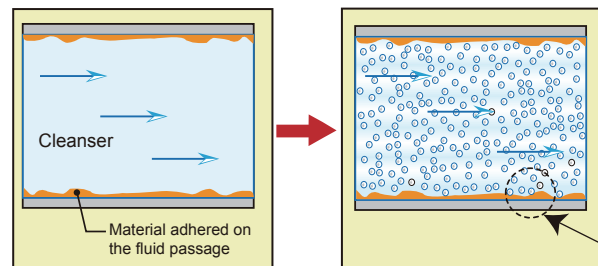
|                     |                |
|---------------------|----------------|
| Operating Pressure  | 0.3 - 0.34 MPa |
| Fluid Tip           | 0.35 mm        |
| Cup capacity        | About 9 ml     |
| Air Hose Connection | 1/4" NPS(M)    |



# Quick Cleaners

DEVILBISS®

Cleans the inner hose and fluid passage quickly and efficiently.  
Save cleaning time and reduce consumption of solvent by flushing out the paint in the fluid passage used with mixing air and solvent.



Air is mixed with the cleanser, flowing through the fluid passage at high pressure. Materials in the fluid passage are scraped off by the air bubbles in the mixed fluid, saving time.

| The difference in the cleansing time |                |
|--------------------------------------|----------------|
| Cleaning low viscosity materials:    | cleansing time |
| * Using the Quick Cleaner            | 6.6 seconds    |
| * Using the thinner                  | 8.3 seconds    |
| Cleaning high viscosity materials:   | cleansing time |
| * Using the Quick Cleaner            | 11.5 seconds   |
| * Using the thinner                  | 14.7 seconds   |

Condition:

- Application used : 12 sec / IHS • Gun diameter : 1.0 mm
- Fluid tube : PTFE 6x4 mm • Tube length : 2.5 m



## HD-505-W

### ■ Specifications

Solvent capacity : 5l  
Air inlet : G 1/4  
Solvent outlet : G 3/8  
Air pressure : 0.69 MPa (Max)  
\* Reduce the air pressure with a regulator according to usage



## HD-510

### ■ Specifications

Solvent capacity : 10l  
Air inlet : G 1/4  
Solvent outlet : G 3/8  
Air pressure : 0.69 MPa (Max)  
\* Reduce the air pressure with a regulator according to usage.  
\* Organic solvent.

# Air Transformer

DEVILBISS®



## QC3

It is the air regulator integrated with air cleaner.

- Excellent filtering results
- Filter is equipped with a replacement indicator.
- Less pressure depression, compared to other manufacturer's products.

### ■ Specifications

Model name : QC3  
Filter size : 0.1μ  
Air processing speed : 780 l/min  
Pressure depression : 0.014 MPa  
Maximum pressure : 1.05 MPa  
Maximum temperature : 65 °C

Built-in filter

# Various joints

DEVILBISS®

## Quick joint for fluid

### QDL-4808

(Quick joint / female)



Specifications  
Fluid passage : SUS & Polyacetal resin  
Caliber : 3/8 PF

### Various adapter

### AD-404J



Specifications  
Material : Brass (plating)  
Caliber : 3/8 PF - 1/4 PF

### P-HC-4808

(Quick joint / female)



Specifications  
Fluid passage : Aluminum  
Caliber : 3/8 PF

### PH-4105



Specifications  
Material : Brass (plating)  
Caliber : 1/4 PF - 3/8 PF

### HC-4691

(Quick joint / male)



Specifications  
Fluid passage : SUS  
Caliber : 3/8 (Swivel)

### ADP-2



Specifications  
Material : Brass (plating)  
Caliber : 1/4 PF - 1/4 PF

## Quick joint for air

### AD-22SMF

(Socket)



Specifications  
Material : Brass  
Caliber : 1/4 PF

### AD-22PFF

(Plug)



Specifications  
Material : Brass  
Caliber : 1/4 PF

# Hose sets

DEVILBISS®

## Air hose set



■ Air hose set (Orange) with G1/4 nut on both sides.

| Part No. | I.D    | O.D   | Length | Material                            |
|----------|--------|-------|--------|-------------------------------------|
| DAH-10   | 6.5 mm | 10 mm | 10 m   | Polyurethane with reinforcing fiber |
| DAH-20   |        |       | 20 m   |                                     |
| DAH-30   |        |       | 30 m   |                                     |

## Fluid hose set



■ Fluid hose set (Clear) with G1/4 nut on both sides.

| Part No. | I.D    | O.D     | Length | Material   |
|----------|--------|---------|--------|--|
| DPH-10-2 | 7.5 mm | 10.5 mm | 10 m   | Polyurethane with reinforcing fiber (grounded) & Nylon |
| DPH-20-2 |        |         | 20 m   |  |
| DPH-30-2 |        |         | 30 m   |  |

■ Fluid hose set (Clear) with G1/4 nut on one side, and G3/8 nut on side other.

| Part No. | I.D    | O.D     | Length | Material   |
|----------|--------|---------|--------|--|
| DPH-10-3 | 7.5 mm | 10.5 mm | 10 m   | Polyurethane with reinforcing fiber (grounded) & Nylon |
| DPH-20-3 |        |         | 20 m   |  |
| DPH-30-3 |        |         | 30 m   |  |

## The hose I.D and pressure loss

| Hose I.D | Length | Air flow  |           |           |           |
|----------|--------|-----------|-----------|-----------|-----------|
|          |        | 425 l/min | 510 l/min | 570 l/min | 710 l/min |
| Φ 6 mm   | 6 m    | 0.14 MPa  | 0.18 MPa  | 0.2 MPa   | 0.24 MPa  |
| Φ 8 mm   | 6 m    | 0.05 MPa  | 0.07 MPa  | 0.084 MPa | 0.14 MPa  |
| Φ 10 mm  | 6 m    | 0.02 MPa  | 0.03 MPa  | 0.034 MPa | 0.05 MPa  |

\* For example, when using a hose with a 6 mm diameter at an air flow rate of 710 l/min, there will be a 0.24 MPa loss at 6 m length. When using a 10 mm hose, the pressure loss will be reduced to 0.05 MPa at the same length.

## Viscosity conversion table

| Viscosity<br>c P | Ford<br>cup #3 | Ford<br>cup #4 | IWATA cup<br>NK-2 | Zahn<br>cup #2 | Zahn<br>cup #5 | Din<br>cup #5 | Unit : sec       |
|------------------|----------------|----------------|-------------------|----------------|----------------|---------------|------------------|
|                  |                |                |                   |                |                |               | Krebs Unit<br>KU |
| 10               | -              | 5              | -                 | 16             | -              | 10            | -                |
| 15               | -              | 8              | -                 | 17             | -              | 11            | -                |
| 20               | 12             | 10             | -                 | 18             | -              | 12            | -                |
| 25               | 15             | 12             | -                 | 19             | -              | 12            | -                |
| 30               | 19             | 14             | 10                | 20             | -              | 14            | -                |
| 40               | 25             | 18             | 15                | 22             | -              | 15            | -                |
| 50               | 29             | 22             | 18                | 24             | -              | 16            | 30               |
| 60               | 33             | 25             | 23                | 27             | -              | 18            | 33               |
| 70               | 36             | 28             | 27                | 30             | -              | 21            | 35               |
| 80               | 41             | 31             | 31                | 34             | -              | 23            | 37               |
| 90               | 45             | 32             | 34                | 37             | -              | 25            | 38               |
| 100              | 50             | 34             | 37                | 41             | -              | 27            | 40               |
| 120              | 58             | 41             | 43                | 49             | -              | 31            | 43               |
| 140              | 66             | 45             | 48                | 58             | -              | 34            | 46               |
| 160              | -              | 50             | 54                | 66             | -              | 38            | 48               |
| 180              | -              | 54             | 58                | 74             | -              | 43            | 50               |
| 200              | -              | 58             | 63                | 82             | 10             | 46            | 52               |
| 220              | -              | 62             | 67                | -              | 11             | 51            | 54               |
| 240              | -              | 65             | 72                | -              | 12             | 55            | 56               |
| 260              | -              | 68             | 74                | -              | 13             | 58            | 58               |
| 280              | -              | 70             | 77                | -              | 14             | 63            | 59               |
| 300              | -              | 74             | -                 | -              | 15             | 68            | 60               |
| 320              | -              | -              | -                 | -              | 16             | 72            | -                |
| 340              | -              | -              | -                 | -              | 17             | 76            | -                |
| 360              | -              | -              | -                 | -              | 18             | 82            | 62               |
| 380              | -              | -              | -                 | -              | 19             | 86            | -                |
| 400              | -              | -              | -                 | -              | 20             | 90            | 64               |
| 420              | -              | -              | -                 | -              | 21             | 95            | -                |
| 440              | -              | -              | -                 | -              | 22             | 100           | -                |
| 460              | -              | -              | -                 | -              | 23             | 104           | 66               |
| 480              | -              | -              | -                 | -              | 24             | 109           | 67               |
| 500              | -              | -              | -                 | -              | 25             | 112           | 68               |
| 550              | -              | -              | -                 | -              | 27             | 124           | 69               |
| 600              | -              | -              | -                 | -              | 30             | 135           | 71               |
| 700              | -              | -              | -                 | -              | 35             | 160           | 74               |
| 800              | -              | -              | -                 | -              | 40             | 172           | 77               |
| 900              | -              | -              | -                 | -              | 45             | 195           | 81               |
| 1,000            | -              | -              | -                 | -              | 49             | 218           | 85               |
| 1,100            | -              | -              | -                 | -              | 55             | -             | 88               |
| 1,200            | -              | -              | -                 | -              | 59             | -             | 92               |
| 1,300            | -              | -              | -                 | -              | 64             | -             | 95               |