



DEMI — /	Air cap No.	− Tip s	size –	<u>G</u>
Model Name	DM1 : Base c DM2 : Clear c		1.1	G=Grav

Example) DEMI-DM1-1.1-G

Specifications

Model name	Atomization	Air cap No.	Tip size (mm)	Туре	Pattern range (mm)	Air consumption (NL/min)	Air inlet pressure (MPa)	Delivery (m ℓ /min)	Weight (g)	Air inlet	Fluid inlet	Compressor (kW)	Applications/Others
DEMI	LVMP	DM1	- 1.1 Φ G	6	Max. 150	95	0.15	70	228	G 1/4	G 1/4	0.75	For base coat
	LVIVIF	DM2		G	Max. 130								For clear coat

^{*} For improvement purposes, Design & Specifications may change without prior notice.

Accessories

Fluid Cups KG-250-DEMI



 Specifications Fluid connection: G1/4 Capacity: 250 cc Material · Stainless steel

Gravity type

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

 Specifications Fluid connection: G1/4 Capacity: 250 cc Material: Stainless steel

Gravity type

KG-150-DEMI-FA

 Specifications Fluid connection: G1/4 Capacity: 150 cc Material: Stainless steel

Gravity type

HAF-507

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.

SHIM-MASK





SHIM-3

Specifications

: 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.

Air Filter







Weight

 Specifications : 50 g 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.

Gun Lube



Specifications

SSL-10

: 60 cc Capacity SSI -10 : 1 piece SSL-10-K12 : 12 pieces

Non material repelling gun lube with vegetable oil used.

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DEVILBISS.

Fine Atomization High Transfer Efficiency Super Compact Spray Gun

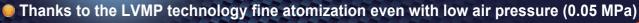
Automotive refinishing spray gun

Ultra-small spots Pattern width: 15 mm (spraying distance: 80 mm)



Light repairs/panel coating Pattern width: 150 mm

(spraying distance: 150 mm)



- Maximum pattern width of 150 mm despite the super compact size
- Two special air caps not offered by other brands
- DM1 : for base coat
- DM2 : for clear coat



DEVILO

DEMI-DM1



Fine atomization High Transfer Efficiency Super Compact Spray Gun

Because it's a DEMI

"Pattern settings for a wide range of applications"



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Fine atomization is achieved with pattern sizes for a wide range of applications, not only spot repairs but everything from ultra-small spot repairs to light repairs and panel coating.

Minimum pattern setting

Air pressure 0.05 MPa

Delivery (Fluid adjusting knob) Open 1 tum from closed position

Pattern range (Pattern knob) Closed position

Distance from cap 80 mm

• With an ultra-small pattern setting, excellent atomization performance is achieved by reducing air pressure and flow rate.



Maximum pattern setting

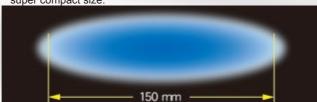
Air pressure 0.15 MPa

Delivery (Fluid adjusting knob) Open 3.5 turns from closed position

Pattern range (Pattern knob) Open position

Distance from cap 150 mm

 With the maximum pattern setting, the pattern width is 150 mm. Fine atomization for light repairs and panel coating despite this super compact size



Because it's a DEVILBISS

"Selection of film thickness and pattern size"

Specialized air caps despite the compact size. Different air caps can be selected, so the DEMI can be used for both flat coating and centre-heavy coating.



DM1 (Gold color) For base coat

DM₂

(Green color

For clear coat

(Thin film / Even distribution)



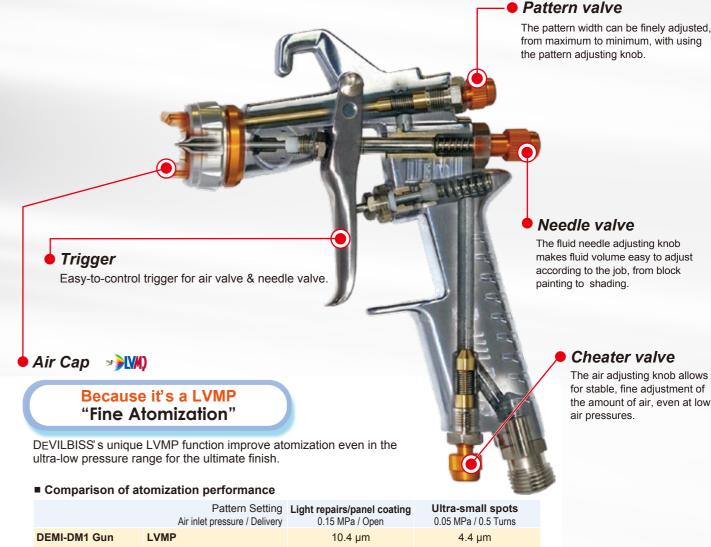
- Flat
 - · Coating thin film with even distribution. • The most suitable for Metallics/Pearls.
- Thick film with wide pattern width.
- The most suitable for Solids/Clears.





Comparing the existing air spray gun or HVLP gun, LVMP gun makes higher transfer efficiency and better atomization possible with less air consumption.

The structure of the DEMI



Cheater valve

The air adjusting knob allows for stable, fine adjustment of the amount of air, even at low air pressures

	Pattern Setting	Light repairs/panel coating	Ultra-small spots		
	Air inlet pressure / Delivery	0.15 MPa / Open	0.05 MPa / 0.5 Turns		
DEMI-DM1 Gun	LVMP	10.4 μm	4.4 µm		
Conventional Gun	Standard air pressure	11.7∼16.9 µm	4.7~7.0 μm		

^{*} Conditions of paint: (Viscosity:18 sec/NK-2), Distance from air cap (150 mm), Ambient temperature / humidity (25°C /57%)

DEMI spray gun experience report







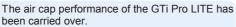
Impressions on using the DEMI spray gun

It is nice that the spray is extremely fine even with low pressure. With the DEMI, you can aim as you paint even in small places, so you don't need to paint wider areas.

You don't need masking tape like you used to, and when shading off you only need to work with







Atomization is good in the ultra-low pressure range, and there is little scattering. A special, distinctive air cap is used for the atomization pattern, making it even easier to apply coats.

What are the DEMI's applications?

The DEMI is suited for everything from repairing small scratches made after finishing to painting places that were difficult to paint with previous spray guns, such as inner coats. With this pattern width, even entire doors are easy to spray.



Despite the spray gun's small size, the maximum pattern width is150 mm. The unique LVMP specifications make for high transfer efficiency, and there is no pattern splitting so the gun can be used for a wider range of applications.

DEMI spray gun usage examples

Photocatalysts

Used car deales



Body shops





A new car repair /

Edges

Comments from users

- The DEMI atomizes even at low pressures, so shading is easy and the DEMI is easier to use than other brands of spray guns.
- The DEMI is easy to use even for beginners, and gives a fine, equal finish even with slightly different air pressures.
- The handling and balance of gun are good.
- Atomization at low pressures is good, so the DEMI is suited for small objects to spray.
- I use it to repair dirt and dimples. There is little scattering and you can spray pinpoint, so it's very useful.
- I use it to repair on the edges of new car bonnets. Atomization is good even at low pressures, so it's easy to use. In the ultra-low pressure range, it is just as good as other brands, or even better.
- It is easy to use to repair small surfaces of bumpers. There is little scattering so you can keep the repair area small.
- I use the DM1, and there is not much unevenness with metallic surfaces so shading off is easy. With the DM2 it is easy to settle the colour base, so I choose my air cap accordingly
- It is supposed to be good for small objects, but you can also use it for block painting.