

DEMI II



■ For your ordering reference
 DEMI2 — Air cap No. — Fluid tip size — G
 DL6 : 0.5 mm 0.5 / 0.8 / 1.1mmØ G=Gravity
 DL8 : 0.8/1.1 mm

Example) DEMI2 - DL6 - 0.5 - G
 DEMI2 - DL8 - 1.1 - G



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

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	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			51					
		1.1	Max. 130		77								

• Conditions Delivery : 77cc/mm / Viscosity : 11/sec / All regulators open / Air inlet Pressure : 0.15MPa / Spraying distance : 150 mm

Accessories

Fluid Cups

KG-250-DEMI

■ Specifications
 Fluid connection : G1/4
 Capacity : 250 cc
 Material : Stainless Steel
 Gravity type

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

■ Specifications
 Fluid connection : G1/4
 Capacity : 250 cc
 Material : Stainless Steel
 Gravity type

KG-150-FA-DEMI
 (Free angle type)

■ Specifications
 Fluid connection : G1/4
 Capacity : 150 cc
 Material : Stainless Steel
 Gravity type

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.

Air Filter

HAF-507

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.

Air Transformer

QC3

Specifications
 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
 It is the air regulator integrated with air cleaner.

Gun Lube

SSL-10

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

Non material repelling gun lube with vegetable oil used.

For more information, please contact:

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DEVILBISS®

Multi Mini Spray Gun

DEMI II

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

Greater range of applications

Light repairs/panel coating
 Pattern width : 130 mm
 (spraying distance : 150 mm)

- New Atomization Technology "LVMP-FG"
- Limitless Possibilities
- Robust Aluminum Forged Body



CARLISLE
 FLUID TECHNOLOGIES

Multi Mini Spray Gun

DEMI[®] II

1 New Atomization Technology LVMP-FC (Flow Control)

Air cap designed to achieve air flow drop even at the same air pressure. Fine atomization at low pressure of 0.05 MPa, which is one of the DEMI advantages, was difficult to adjust. But with this new atomization technology, ultra-low pressure range can be easily boosted and adjusted by controlling the air flow and reducing waste.



2 Robust Aluminum Forged Body

Aluminum forged body is used instead of the standard aluminum die casting and the durability is increased by 50%! (Compared to that of our conventional products) It is thought that the aluminum forged body is more expensive than the traditional ones, but we have made every effort to reduce costs as much as possible, so DEMI-2 is provided at the same price!

	Performance	Q'ty Index
Casting Material	Tensile Strength 250 MPa / elongation 10%	Q=400
Forged Material	Tensile Strength 300 MPa / elongation 15%	Q=476

Quality Index(Q): Index used to indicate the machinability / strength / elongation, the higher, the better.

3 Low Air Consumption Air Cap

Compared to the traditional products, air consumption for DL6 (60l/min) or DL8 (80l/min) is reduced by 15%-30%. This gun can be used in a wide range of applications, from on-site applications to private purposes, because it can work well even with 1 Hp Compressor due to the low air consumption.



	DL6	DL8
Air consumption:	60l/min	80l/min

• Air inlet pressure : 0.15 MPa

4 Ergonomic Design makes it Easy to Use

The enough room usually needed for compact guns to pull the trigger is ensured by extending the air valve (2mm). Thus it makes an "almost comfortable work" possible. Furthermore, workability is improved because the trigger is easier to pull due to the improved needle spring.

Force to pull the trigger	DEMI	1.40 kgf
	DEMI2	1.20 kgf
	LUNA2	1.55 kgf

5 Innovative Light-Weight Design

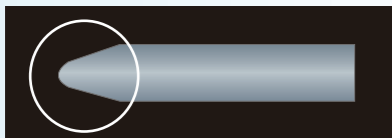
Our innovative design includes a focus on the shape. Weight is always the bottleneck for the traditional forged body, but this light one weighs only 190g and fits in your hand well.

Light-Weight
190g

6 Smooth Adjustments

Air flow adjustment can be made smoothly even for coating at ultra-low pressure range due to the improved cheater valve tip and the needle valve tip. A fine finish can be achieved including those gradation-coating parts.

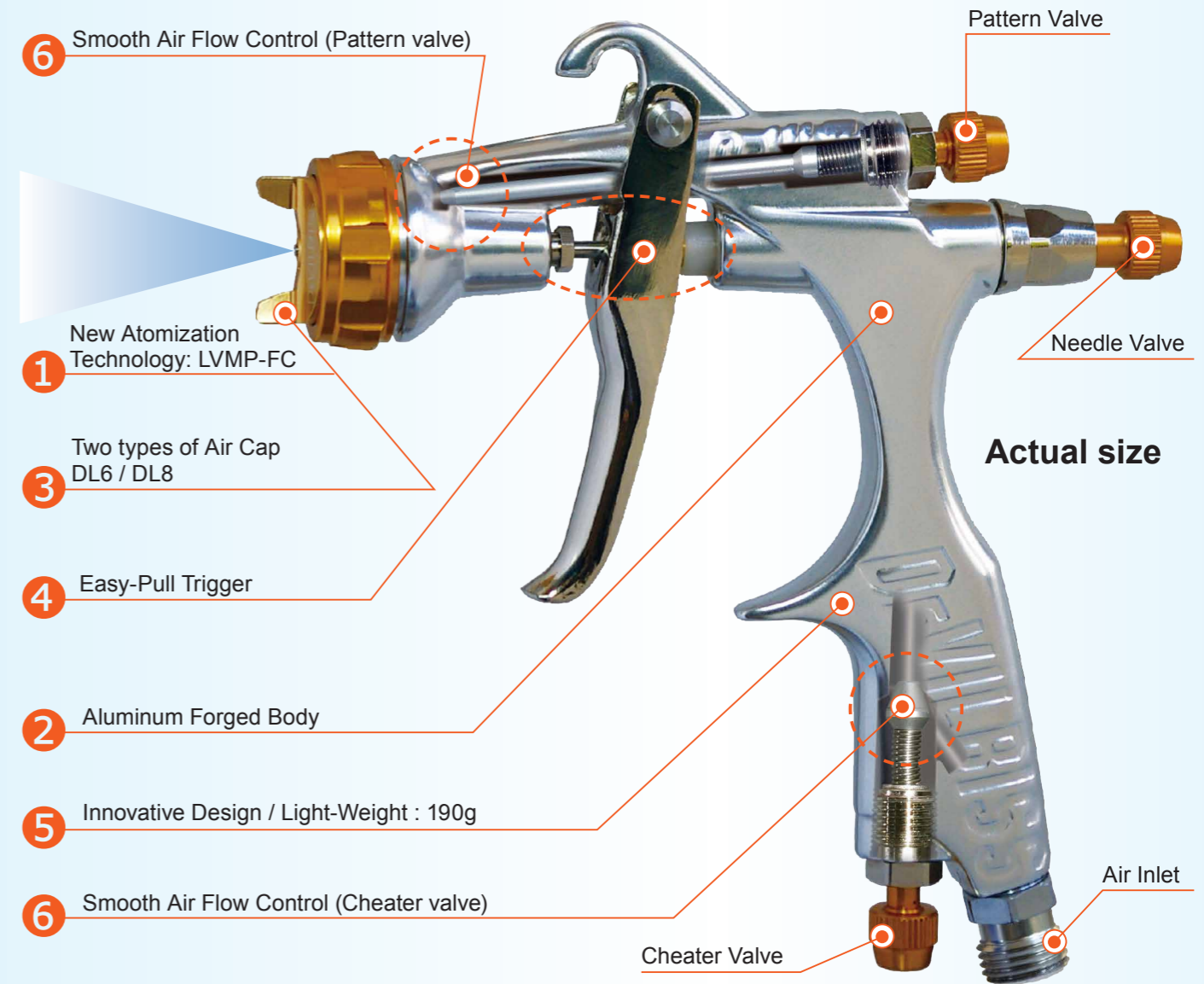
Air flow rate becomes fast when the tip angle is sharp.



Air flow rate becomes slow when the tip angle is gentle.



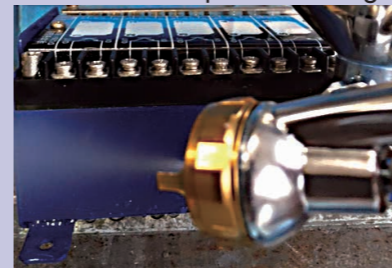
The structure of the DEMI2



Wide Range of Applications and Purposes

3 types of tip size (0.5 mm / 0.8 mm / 1.1 mm) available for a much wider range of applications. We can make recommendations for various markets including but not limited to coatings for small workpieces, touch-up, bumper repair and photocatalyst liquid coatings (antibacterial cleaner, deodorizing liquid)

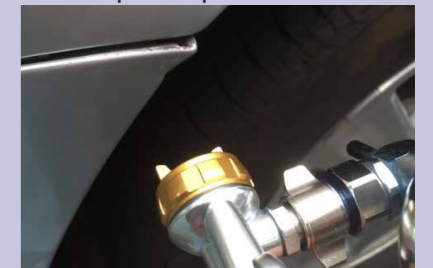
• Small Workpiece Coating



• Touch-up



• Bumper Repair



• Deodorizing Liquid Application



• Photocatalyst Liquid Coating

