

LUNA MARK-II-R-PLUS is especially for auto refinishing



Selection of air cap & fluid tip size For auto refinishing:  
●:Optimum ○:Available

Air Cap	Type	Fluid tip size (mm)				Applications
		1.0	1.3	1.5	1.8	
244+	G (Gravity)	○	○	○	○	Metallics and Pearls
	S (Suction)	—	—	○	○	
245+	G (Gravity)	○	○	○	○	Solids and Clears
	S (Suction)	—	—	○	○	
246+	G (Gravity)	—	—	○	○	Primer surfacers
	S (Suction)	—	—	○	○	

■ For your ordering reference:

EX)  
**LUNA 2 - R - 244PLS - 1.3 - G**  
Model name                      Type (G :Gravity / S :Suction)  
   Tip size (1.0 / 1.3 / 1.5 / 1.8)  
   Air cap No. (244PLS / 245PLS / 246PLS)

■ Specifications

Model name	Atomization	Air cap No.	Tip size (φ mm)	Type	Pattern range (mm)	Air consumption (ℓ /min)	Air inlet pressure(MPa)	Flow rate (m ℓ /min)	Gun weight (g)	Air inlet	Fluid inlet	Compressor (kW)	Applications - Others	
LUNA MARK-II -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 Metallics / Pearls	
			1.3/1.5/1.8	S (Suction)										
		245+	1.0/1.3/1.5/1.8	G (Gravity)	270	220							For auto refinishing Solids / Clears	
			1.3/1.5/1.8	S (Suction)										
		246+	1.5/1.8	G (Gravity)	200	200								For auto refinishing Primer surfacers
			1.5/1.8	S (Suction)										

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

■ Accessories

Fluid Cup

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



- Specifications:  
Fluid connection : G1/4  
Capacity : 400 cc  
Material : Anodized aluminum

**KGL-400**



- Specifications:  
Fluid connection : G1/4  
Capacity : 400 cc  
Material : Anodized aluminum

**KG-400C**



- Specifications:  
Fluid connection : G1/4  
Capacity : 400 cc  
Material : Stainless-steel

**KR-470-2C**



- Specifications:  
Fluid connection : G1/4  
Capacity : 700 cc  
Material : Aluminum

Air Valve (with gauge)

**HAV-502-B**



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

**HAV-501-B**



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

**Air Filter**  
**HAF-507**



- Specifications:  
Weight : 50g  
HAF-507 : One piece  
HAF-507-K12 : 12 pieces

**Air Duster Gun**  
**DGD-506**



- Specifications:  
Air inlet : R1/4(F)  
Weight : 170 g

**DEVILBISS**

**CFT RANSBURG JAPAN KK**

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**DEVILBISS**

Air Spray Gun

**SPACE GUN**

**Magnesium**

"Magnesium" is an eco-friendly metal

**eco**



**An ultimate finish starts with an ultimate undercoat**

*Debut of a spray gun designed for exclusive Primer surfacer use*

*In addition, the guns for both Metallics / Pearls and Solids / Clears have been refurbished*



**LUNA MARK-II-R-PLUS is especially for auto refinishing**

**CARLISLE**  
FLUID TECHNOLOGIES



# DEVILBISS

# LUNA MARK-II

# Debut of the LUNA Mark-II PLUS Spray Gun

# PLUS



The LUNA was designed to be light weight and eco-friendly, and the LUNA Mark-II, designed to provide an even better hand-grip feel was chosen by body-shop specialist magazines as the No. 1 well accepted new product.

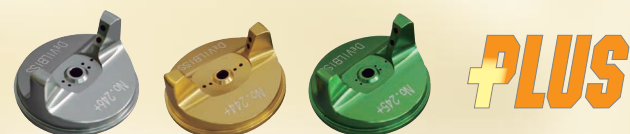
*"An ultimate finish starts with an ultimate undercoat"*

The new LUNA Mark-II PLUS grasps the evolution of coating materials

- Primer surfacers
- Metallics/Pearls
- Solids/Clears

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.

- In order to achieve finest atomization and high transfer efficiency, trusted quality air cap is equipped along with an improved fluid tip and baffle. It also supports LVMP atomization.



# PLUS

- Debut of 246+ air cap exclusively designed for Primer surfacer coating. We have re-designed our guns with the aim of providing an even higher coating efficiency with Metallics/Pearls and Solids/Clears.

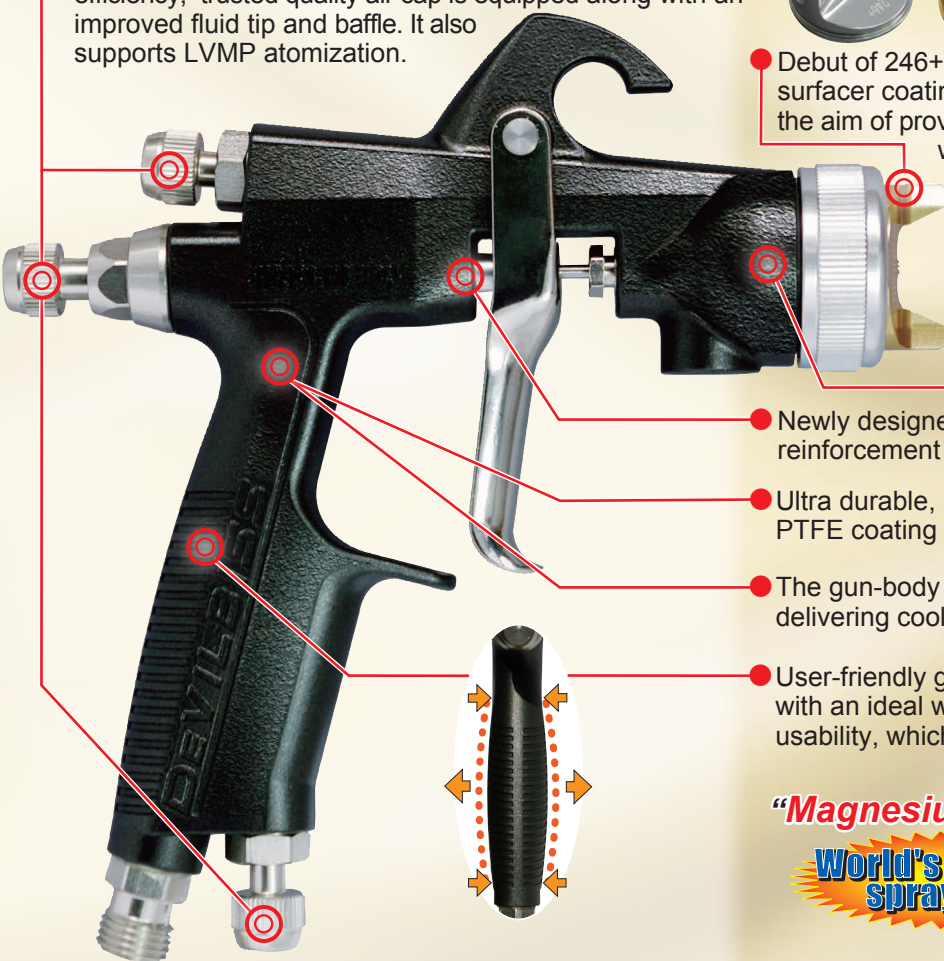
- A new designed fluid tip provides improved fluid passage for less contamination on the air cap.

- Newly designed air valve seal provide additional reinforcement against air leakage.

- Ultra durable, light weighted magnesium body with PTFE coating repels paint on the gun-body.

- The gun-body is coated with "Jet Black" color, delivering cool and a quality finish.

- User-friendly grip design enhances comfortability with an ideal weight balance for precise control and usability, which reduces work-fatigue.



**"Magnesium" Gun-body**

**World's lightest spray gun**

Patent protected

## 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.

• Transfer Efficiency (Distance from cap=200mm)

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



Low  
Volume  
Medium  
Pressure

**HIGH TRANSFER EFFICIENCY**

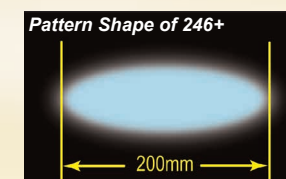
**FINE ATOMIZATION**

**LOW AIR CONSUMPTION**



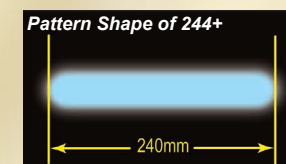
## 246PLUS (for Primer surfacers)

- Newly developed air cap that incorporates technology applied on the UK PRi-Pro exclusive Primer surfacer gun.
- Pattern shape suitable for Primer surfacer coating.
- Paints thickly with reduced numbers of applications.
- Polishing work load is reduced by superior atomization. (Work time is reduced, and saving of paint as well as expendable supplies such as sandpaper is achieved.)



## 244PLUS (for Metallics/Pearls)

- Reduces air turbulence and resulting in less cap contamination.
- Improves uniformity of the atomization of the whole spray pattern, widens the effective pattern area. Higher coating efficiency is achieved.



## 245PLUS (for Solids/Clears)

- Widened spray pattern (increased from 260 mm to 270 mm).
- Provides center heavy pattern for Clear coatings.

