

# Devilbiss DV1 - HVLP / HVLP+, d1,2/d1,3

## Spray Gun

APP No. 160960/160961/160962/160963

Devilbiss DV1 low-pressure spray is using the latest Laminar Flow Architecture that ensures stabilized primary atomization and faster application rates without any "clouding" effects namely more control during application.

The advanced technology has taken atomization performance to a new level that reduced turbulence inside the nozzle.

#### PROVIDED BENEFITS:

- High spray gun efficiency,
- Reduced material consumption,
- Improved spray pattern control and consistent
- Atomization also in case of so called difficult top coats.

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#### TECHNICAL DATA

Air cap type	HVLP / HVLP+
Air adapter	1/4"
Nozzle dia.	1.2mm/1.3mm
Weight	470g (without cup)
Cup volume	600ml
Liquid flow	130-180 g/min / 140-190 g/min
Spraying range	330 mm / 325 mm (odległość: 200 mm)
Air consumption	395L/min / 300L/min
Inlet pressure	2.0BAR
Nozzle	Stainless steel
Needle	Stainless steel
Air cap material	nickel plated brass



APP Sp. z o.o.

ul. Przemysłowa 10, 62-300 Września  
Biuro Obsługi Klienta: tel. 61 437 00 20, fax 61 437 00 21

[www.APP.com.pl](http://www.APP.com.pl)

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## Spray Gun

### 1 NOZZLE

DV1 spray gun features with nozzle of advanced design that reduces turbulences inside the nozzle. This solution ensured constant material flow and consistent efficiency and mostly quick application of coats, also in case of poor viscosity.

### 3 ATOMIZATION

DV1 uses advanced atomization technology that achieved world-beating atomization with high application speeds, at lower air pressures. This resulted in superior atomization performance, by maintaining a consistent particle size throughout the spray patterns ensuring accurate colour reproduction and flake lay, even with the notoriously difficult, highly pigmented silver basecoats.

### 2 CAP

Solid brass cap of precise design has been reengineered also. Advanced Air Management Kinetics™ system has taken atomization performance to a new level, whilst significantly reducing noise. The cap also features a fast action thread ensuring quick removal and replacement. Two air caps are available: HVLP and HVLP+.

For typical applications the HVLP cap is the perfect choice, delivering atomization like no other DeVilbiss air cap. Whereas HVLP+ air cap is perfect where high efficiency is required at low pressure.



**DEVILBISS**  
AUTOMOTIVE REFINISHING

**DV1**

### USE:

Devilbiss DV1 spray gun is available with 1,2 and 1,3 nozzle as well as HVLP and HVLP+ air cap.

It is purposed for finishing works related to painting with water borne paints and traditional ones (HVLP spray gun), as well as application of clear varnishes and top coats (HVLP+ spray gun).

### 4 AIR CONTROL

Total new air control integrated with air inlet ensures consistent flow. High precision regulator ensures smooth air control.

1



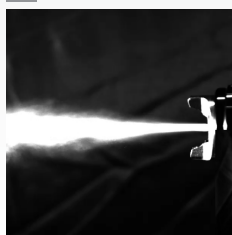
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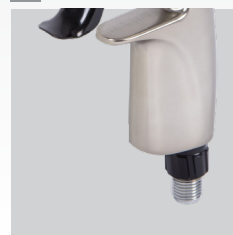
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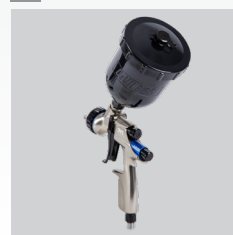
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4



4





## Advantages:



### NOISE REDUCTION

Noise reduction improves comfort and efficiency during long time work.



### ERGONOMICS AND WORK COMFORT

DV1 has been built using materials that offer maximum comfort whereas body design ensures easy cleaning.



### REDUCED TURBULENCE

Advanced nozzle designed especially for DV1 spray gun reduces turbulence inside the nozzle and minimizes clouding.



### CONSISTENT ATOMIZATION

DV1 air caps feature with advanced internal geometry to ensure a perfectly balanced, consistent spray pattern for a perfect finish.

## FIELDS OF USE:



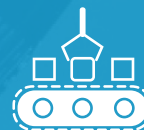
AUTOMOTIVE



WOODWORKING SHOPS



SHIP YARDS



PRODUCTION PLANTS



### PACKAGE INCLUDES:

- Spray gun body;
- Black gravity cup with lid, bleeding vent and strainer;
- Tool set;
- User manual.



App nr	Nazwa produktu	Głowica	Dysza	Rodzaj zbiornika	Opakowanie
160960	Devilbiss DV1 – Spray Gun	HVLP+	d1,2	Top cup	1 item
160961	Devilbiss DV1 – Spray Gun	HVLP+	d1.3	Top cup	1 item
160962	Devilbiss DV1 – Spray Gun	HVLP	d1.2	Top cup	1 item
160963	Devilbiss DV1 – Spray Gun	HVLP	d1.3	Top cup	1 item

### NOTE:

Spray guns are purposed for application of water borne or thinned paints.

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