

# Devilbiss DV1 - C1 Plus (HVLP), d1,1/1,2/d1,3 Spray Gun (*clearcoat*)

APP Nr 160964/160965/160966

Devilbiss DV1 low-pressure spray is using the latest **Laminar Flow Architecture** that ensures stabilized primary atomization and faster 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	DV1-C1 Plus (HVLP)
Air adapter (")	1/4
Nozzle dia. (mm)	1,1 / 1,2 / 1,3
Weight (g)	470 ( <i>without cup</i> )
Cup volume (ml)	560
Liquid flow (g/min)	140-190
Spraying range (mm)	325 ( <i>distance: 200 mm</i> )
Air consumption (L/min)	285
Inlet pressure (BAR)	2,0
Nozzle / Needle	stainless steel
Air cap material	nickel plated brass



# Devilbiss DV1

## Spray Gun (clearcoat)

### Spray Gun

#### 1 NOZZLE

DV1 Clearcoat gun is equipped with a completely new nozzle designed specifically for application of clearcoats and dyed acrylic varnishes. The new nozzle design improves the flow of material through the gun and stabilises the air velocity in the nozzle, minimises material consumption and provides even distribution of paint throughout the entire coating process.

Main advantages of the nozzle:

- increased performance of painting
- significant savings in paint
- better spraying - stabilisation of the air flow.

#### 2 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.

DV1-C1 Plus brings atomisation to the highest level to obtain the best finish.

#### 3 CAP

Solid brass cap of precise design has been reengineered also. 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.

DV1-C1 Plus (HVLP) gun provides excellent performance of spraying the industry leading clearcoats, including:

- high solids paints
- medium and low solids paints
- VOC 420 paints

**DEVILBISS**  
AUTOMOTIVE REFINISHING

**DV1**

USE:

Devilbiss DV1 (clearcoat) spray gun is available with 1,2 and 1,3 nozzle

The gun is designed for finishing paint works using clearcoats and dyed acrylic varnishes. It provides an even and stable atomisation, as well as improved spray performance, by maintaining constant droplet size in the entire spray area.

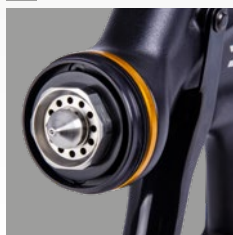
It will prove useful in applications where high performance at low inlet pressure is needed.



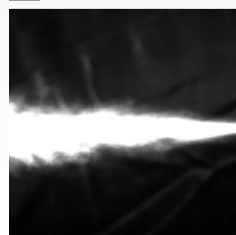
#### 4 AIR CONTROL

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

1



2



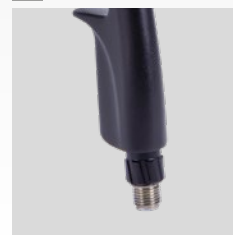
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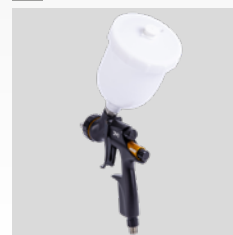
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4



# Devilbiss DV1

## Spray Gun (clearcoat)

### Advantages:



#### NOISE REDUCTION

Noise reduction improves comfort and efficiency during long time work.



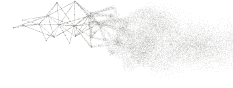
#### ERGONOMICS AND WORK COMFORT

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, even spray for a perfect finish.



### FIELDS OF USE:



AUTOMOTIVE



WOODWORKING SHOPS



SHIP YARDS

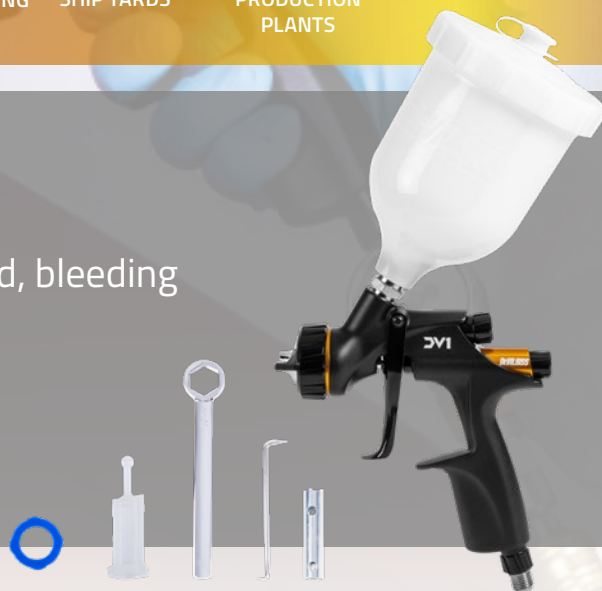


PRODUCTION PLANTS



### PACKAGE INCLUDES:

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



App nr	Product Description	Head	Nozzle	Type of tank	Package
160964	Devilbiss DV1 - Spray Gun (CLEARCOAT)		d1,1		1 item
160965	Devilbiss DV1 - Spray Gun (CLEARCOAT)	DV1-C1+ (HVLV)	d1,2	Top cup (white)	1 item
160966	Devilbiss DV1 - Spray Gun (CLEARCOAT)		d1,3		1 item

### IMPORTANT:

The guns are designed to work with clearcoats and dyed acrylic varnishes.