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## InoKraft D1

# InoKraft D1 LVLP Air Spray Gun Premium Kit User Manual

Model: D1 | Brand: InoKraft

## INTRODUCTION

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The InoKraft D1 LVLP (Low Volume Low Pressure) Air Spray Gun Premium Kit is designed for efficient and high-quality paint application across various projects, including automotive, furniture, and general DIY painting. This kit provides a comprehensive solution for both beginners and experienced users, ensuring professional results with ease of use and maintenance.

Key features include superior paint atomization, high transfer efficiency for paint saving and reduced environmental impact, and a durable, easy-to-clean design.

## WHAT'S IN THE BOX

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Your InoKraft D1 LVLP Air Spray Gun Premium Kit includes the following components:



Image: All components included in the InoKraft D1 LVLV Air Spray Gun Premium Kit, neatly arranged.

- D1 LVLV Spray Gun
- 600cc Paint Cup
- 1.3mm, 1.5mm, and 1.7mm Nozzle Sets (includes air caps, fluid nozzles, and needles)
- Air Pressure Regulator
- Oil-Water Separator
- Air Hose Connector
- 2 Filters
- 3M Paint Cup Adaptor
- Wrench
- Cleaning Kit (brushes)
- User Manual (this document)
- Quick Start-up Guide

- Test Record Card
- PTFE Tape
- Storage Box

# One-stop Start-up Solution for DIYers

**Air Pressure Regulator**



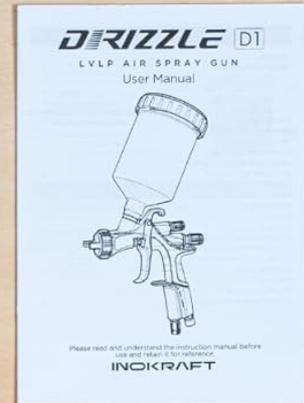
**Oil-water Separator**



**600cc Paint Cup**



**User Manual**



**3M PPS 1.0 Paint Cup Adaptor**

INCKRAFT		D1 LVLV AIR SPRAY GUN			
Painting Task					
Paint Type					
Thinning Ratio					
Nozzle Size					
Air Pressure					
Fluid Adjustment Gauge					
Notes					

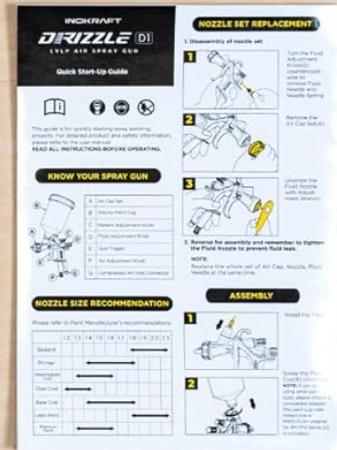
**Test Record Card**



**1.3/1.5/1.7mm Nozzle Set**



**Wrench+Cleaning Kit**



**Quick Start-up Guide**



**Storage Box**



**PTFE Tape**



**Air Hose Connector**



**Filter\*2**

Image: A detailed layout of all accessories and the spray gun included in the premium kit.

Proper setup is crucial for optimal performance and safety. Follow these steps to prepare your spray gun:

1. **Attach Air Pressure Regulator:** Connect the air pressure regulator to the air inlet of the spray gun. Ensure it is securely tightened. This allows for precise control over the air pressure supplied to the gun.



Image: A hand attaching the air pressure regulator to the base of the spray gun handle.

2. **Install Oil-Water Separator:** Connect the oil-water separator to the air pressure regulator or directly to the air hose. This component is vital for removing moisture and oil from the compressed air, preventing defects in your paint finish.



Image: A hand screwing the oil-water separator onto the air pressure regulator.

3. **Apply PTFE Tape:** For a secure, airtight connection, apply PTFE (Teflon) tape to the threads of the air hose connector before attaching it to the oil-water separator or air pressure regulator. Wrap the tape clockwise around the threads.



Image: A hand applying white PTFE tape to the threaded connection of the spray gun assembly.

4. **Select and Install Nozzle Set:** Choose the appropriate nozzle size (1.3mm, 1.5mm, or 1.7mm) based on the viscosity of your paint material. Install the fluid nozzle, needle, and air cap securely onto the spray gun.
5. **Connect Paint Cup:** Attach the 600cc paint cup to the top of the spray gun. Ensure it is firmly seated to prevent leaks.
6. **Connect Air Hose:** Connect your external air compressor hose to the air hose connector on the spray gun assembly.

## OPERATION

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Operating the InoKraft D1 LVLV spray gun involves adjusting settings for optimal paint application. The gun features clearly marked scales and labels for straightforward adjustments.

### Adjusting Controls

## For Large to Extra-Large Projects

SHOP NOW



Image: Diagram showing the Pattern Adjustment Knob, Fluid Adjustment Knob, and Air Adjustment Knob on the spray gun.

- **Pattern Adjustment Knob:** Located at the top rear of the gun, this knob controls the shape and width of the spray pattern (fan pattern). Turn clockwise for a narrower pattern, counter-clockwise for a wider pattern.
- **Fluid Adjustment Knob:** Located on the side, this knob regulates the amount of fluid (paint) released through the nozzle. Turn clockwise to decrease fluid flow, counter-clockwise to increase it.
- **Air Adjustment Knob:** Typically located at the bottom of the handle, this knob controls the air flow to the gun. Adjust to achieve the desired atomization and spray quality.

Clear Scales and Labels  
on Gun Body

## Easy to Start & Use

Color-Printed  
Quick Start-up Guide

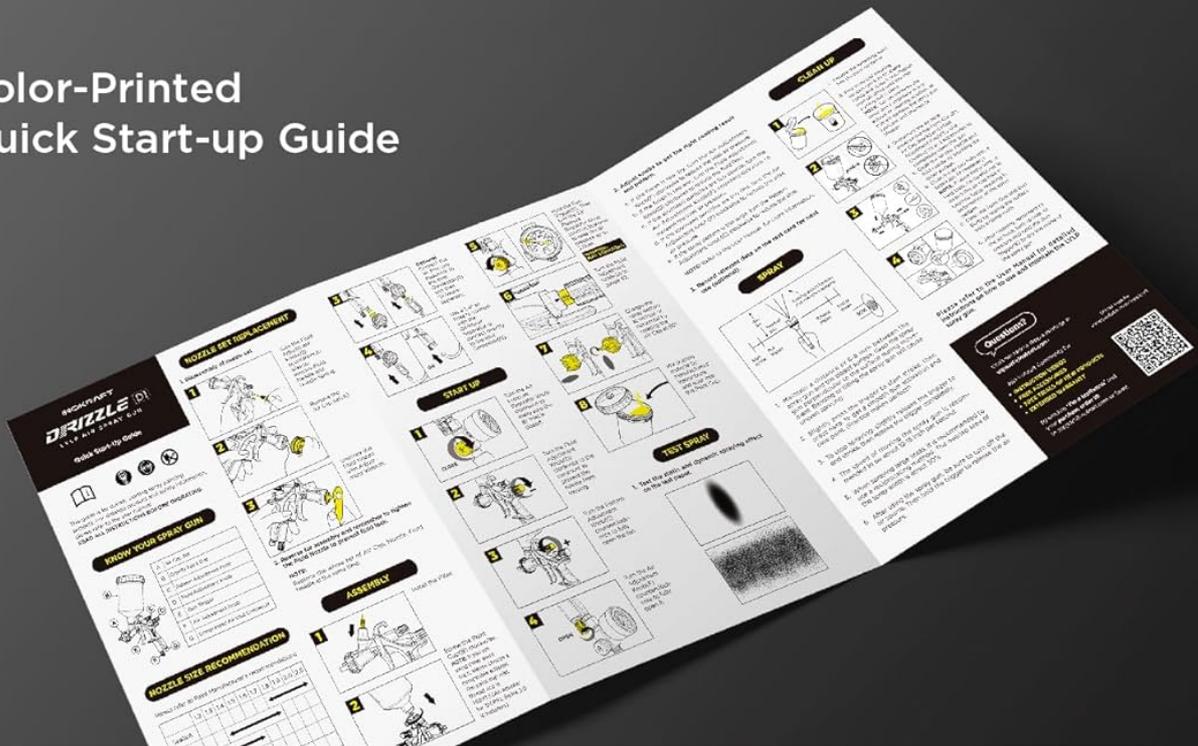


Image: Detailed view of the spray gun's adjustment knobs, highlighting the clear scales and labels for easy operation.

### Paint Compatibility and Nozzle Selection

The InoKraft D1 LVP spray gun is suitable for a variety of coatings. Refer to the table below for recommended nozzle sizes. Always test the effect in advance with your specific paint material.



Image: A table indicating suitable nozzle sizes (1.3mm, 1.5mm, 1.7mm, 2.0mm) for different coating types such as Sealant, Primer, Intermediate Coat, Clear Coat, Base Coat, and Premium Paint. Note: Not recommended for Latex or paints with viscosity higher than 25 (DIN-4).

## Air Compressor Requirements

For optimal performance, ensure your air compressor meets the following specifications:



Image: A diagram illustrating recommended air compressor types and sizes for different project scales. Recommended Air Compressor: Air Consumption: 3.0+SCFM@90PSI. Large Area: 20+Gallon. Medium & Small Area: 8+Gallon.

- **Air Consumption:** 3.0+ SCFM at 90 PSI
- **Tank Size:**
  - Large Area Projects: 20+ Gallons
  - Medium & Small Area Projects: 8+ Gallons

The D1 LVLP spray gun is designed to be budget and environment-friendly, working efficiently with various air compressor types.

## MAINTENANCE & CLEANING

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Regular cleaning and maintenance extend the life of your spray gun and ensure consistent performance. The D1 LVLP spray gun features a durable one-piece forged aluminum body with Teflon coating, making cleaning easier.

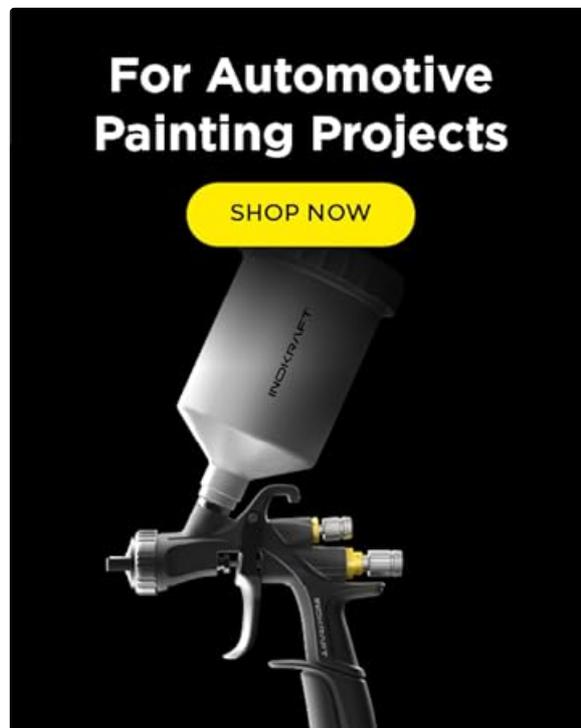


Image: Close-up view of the spray gun's Teflon-coated surface and a diagram of its one-piece forged aluminum body, highlighting its durability and ease of cleaning.

1. **Empty Paint Cup:** After each use, empty any remaining paint from the cup.
2. **Rinse with Solvent/Cleaner:** Pour appropriate cleaning solvent (compatible with your paint type) into the paint cup and spray it through the gun until it runs clear.
3. **Disassemble Nozzle Set:** Carefully remove the air cap, fluid nozzle, and needle.
4. **Clean Components:** Use the provided cleaning brushes and solvent to thoroughly clean all disassembled parts, especially the air cap holes and fluid nozzle. Ensure no paint residue remains.
5. **Clean Gun Body:** Wipe down the exterior of the gun body with a solvent-dampened cloth. The Teflon coating aids in easy cleanup.
6. **Lubricate (if necessary):** Apply a small amount of spray gun lubricant to moving parts like the trigger and needle packing, as recommended by the manufacturer.
7. **Reassemble:** Reassemble the spray gun components once they are clean and dry.
8. **Store Properly:** Store the spray gun in its storage box in a clean, dry environment.

## TROUBLESHOOTING

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If you encounter issues with your InoKraft D1 LVLV spray gun, refer to this section for common problems and solutions. For more detailed guidance, consult the included troubleshooting guide or online resources.

- **Problem: Uneven Spray Pattern or Splattering**

**Possible Causes & Solutions:**

- **Clogged Nozzle/Air Cap:** Clean the nozzle and air cap thoroughly. Ensure all holes are clear.
- **Incorrect Air Pressure:** Adjust the air pressure regulator to the recommended PSI (refer to "Air Compressor Requirements").
- **Improper Fluid Viscosity:** Thin your paint according to the paint manufacturer's recommendations. Ensure you are using the correct nozzle size for the paint's viscosity.
- **Damaged Nozzle/Needle:** Inspect for wear or damage. Replace if necessary.

- **Problem: No Paint Flow**

**Possible Causes & Solutions:**

- **Clogged Fluid Nozzle/Needle:** Clean thoroughly.
- **Empty Paint Cup:** Refill paint cup.
- **Fluid Adjustment Knob Closed:** Open the fluid adjustment knob.
- **Air Pressure Too Low:** Increase air pressure.

- **Problem: Excessive Overspray**

**Possible Causes & Solutions:**

- **Air Pressure Too High:** Reduce air pressure.
- **Fluid Adjustment Too High:** Decrease fluid flow.
- **Gun Too Far from Surface:** Maintain recommended spraying distance.

## SPECIFICATIONS

Feature	Specification
Brand	InoKraft
Model Name	DRIZZLE (D1)
Color	Gray
Material	Aluminum (One-piece forged body with Teflon coating)
Item Weight	1.59 Kilograms (approx. 3.5 pounds)
Product Dimensions	11.61"W x 6.5"H
Power Source	External Air Compressor
Maximum Pressure	50 PSI (Pound per Square Inch)
Nozzle Sizes Included	1.3mm, 1.5mm, 1.7mm
Paint Cup Capacity	600cc
Special Features	Low Pressure (LVLP) technology for high transfer efficiency

## SUPPORT & WARRANTY

InoKraft is committed to your satisfaction. If you have any questions or require assistance with your D1 LVLP Air Spray Gun Premium Kit, please reach out to our customer support team.

- **Customer Support Email:** [support@inokraft.com](mailto:support@inokraft.com)
- **Online Resources:** For additional guidance, including detailed troubleshooting and extensive video tutorials, please refer to the quick start-up guide included in your kit or visit the official InoKraft YouTube channel.
- **Product Registration:** Register your product to receive updates and support.

## For Precision & Creative Projects

SHOP NOW



Image: Visual representation of available support resources, including a detailed troubleshooting guide, quick start-up guide, and extensive YouTube tutorials.

Information regarding specific warranty terms and conditions can be found in the user manual included with your product or by contacting InoKraft customer support.

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For more information, visit [InoKraft Store](#).