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> InoKraft Drizzle Pro LVLP Spray Gun Instruction Manual

## InoKraft Drizzle Pro LVLP Spray Gun

# InoKraft Drizzle Pro LVLP Spray Gun Instruction Manual

Model: Drizzle Pro LVLP Spray Gun (IK01209001)

## 1. INTRODUCTION

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The InoKraft Drizzle Pro LVLP Spray Gun is engineered for precise application of automotive and industrial coatings. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your spray gun.

Each LVLP spray gun is factory-tuned for balanced airflow and stable atomization, featuring a precision-machined nozzle, needle, and air cap to deliver an ultra-fine mist and a smooth, even fan pattern. The design prioritizes low overspray and high transfer efficiency, making it suitable for various coating projects.

**Note:** During product upgrades, accessory configurations may vary. The upgraded version includes additional air caps for improved basecoat and clearcoat performance. If your kit differs, please contact customer support.

## 2. PRODUCT OVERVIEW

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### 2.1 Included Components

The InoKraft Drizzle Pro LVLP Spray Gun kit typically includes the following items:

- Drizzle Pro LVLP Spray Gun
- 1.3B Nozzle (for basecoat)
- 1.3C Nozzle (for clearcoat)
- Air Pressure Regulator
- PPS Adapter
- Cleaning Tools (brush, wrench)
- 22oz Hard Cup
- Cup Liners (x5)
- Filter Lids (x5)
- Sealing Plugs
- Air Hose Connector
- User Manual
- Quick Start-up Guide



## Ergonomic Comfort, Lightweight Design

Only **340g** for Fatigue-Free Use

Figure 2.1: Included components of the Drizzle Pro LVLP Spray Gun kit.

### 2.2 Key Features

- **Precision Nozzle:** CNC machined nozzle, needle, and air cap for fine atomization.
- **Lightweight Design:** Weighs approximately 340g for reduced fatigue during extended use.
- **LVLP Technology:** Low Volume Low Pressure design for reduced overspray and high transfer efficiency (up to 65%).
- **Durable Construction:** Full stainless steel fluid passages with upgraded sealing materials for corrosion resistance.

- **Versatile Nozzles:** Includes 1.3B for basecoats and 1.3C for clearcoats.



Figure 2.2: Precision-machined nozzle for smooth mist and flawless finish.

### 3. SETUP

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Proper setup is crucial for optimal performance and safety. Follow these general steps for initial assembly and preparation:

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the included components list.
2. **Attach Air Pressure Regulator:** Connect the air pressure regulator to the air inlet of the spray gun. Ensure a secure, airtight connection.
3. **Install Nozzle and Air Cap:** Select the appropriate nozzle (1.3B for basecoat, 1.3C for clearcoat) and install it along with the needle and air cap. Tighten securely but do not overtighten.
4. **Attach Paint Cup:** Secure the paint cup (with PPS adapter if used) to the top of the spray gun.
5. **Connect Air Hose:** Attach your air hose to the air pressure regulator. Ensure your air compressor meets the recommended specifications (e.g., 7.7 CFM at 29 psi).
6. **Initial Cleaning:** Before first use, flush the spray gun with a compatible cleaning solvent to remove any manufacturing residues.

Refer to the detailed Quick Start-up Guide included in your kit for visual assembly instructions.

### 4. OPERATING INSTRUCTIONS

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#### 4.1 Paint Preparation

- **Mix Paint:** Prepare your paint according to the manufacturer's instructions, ensuring proper thinning and mixing.
- **Filter Paint:** Always filter your paint through a mesh filter before pouring it into the paint cup to prevent clogs.

#### 4.2 Air Pressure Adjustment

The recommended working pressure for the Drizzle Pro LVLP Spray Gun is **29-43 psi**. Adjust the air pressure regulator to achieve the desired pressure for your specific coating material. The air consumption is approximately **7.7 CFM at 29 psi**.

#### 4.3 Spray Pattern and Fluid Control

The Drizzle Pro features three adjustable knobs for precise control:

- **Pattern Adjustment Knob:** Controls the fan pattern width.

- **Fluid Adjustment Knob:** Controls the volume of fluid being sprayed.
- **Air Adjustment Knob:** Controls the air flow.

These controls allow for adjustments with 0.1° accuracy, enabling a wide, even fan pattern up to 300mm (10.2 inches) at a 20cm (8 inch) distance.



Figure 4.1: Precision 3-knob control for flow, fan, and air adjustments.



Figure 4.2: Efficient spray with a wide fan pattern.

#### 4.4 Application Techniques

Maintain a consistent distance and speed while spraying to achieve an even coating and smooth finish. Overlap each pass by approximately 50%.

# Perfect for Automotive

Achieve a Smooth, Professional Finish on Cars, Trucks, and Motorcycles



Figure 4.3: Application for automotive projects.

## 4.5 Transfer Efficiency

The LVLP design of the Drizzle Pro spray gun contributes to high transfer efficiency, reducing overspray and paint waste. This can result in VOC savings of up to 65%.

A composite image for a video thumbnail. The left side shows a person in a white protective suit and orange gloves using the Drizzle Pro spray gun on a silver car. Text overlay reads "High Transfer Efficiency - Less Paint, More Finish". The right side is a yellow and black graphic with the text "Save Air. Save Paint." and "VOC up to 65%".

Figure 4.4: High transfer efficiency for less paint waste.

## 4.6 Official Product Video

Video 4.1: Official InoKraft D1 Pro LVLP Spray Gun overview, demonstrating features and operation. This video provides a visual guide to the spray gun's capabilities and ease of use.

## 5. MAINTENANCE

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Regular cleaning and maintenance ensure the longevity and consistent performance of your spray gun.


1. **Immediate Cleaning:** After each use, immediately flush the spray gun with an appropriate cleaning solvent until it sprays clear.
2. **Disassembly:** Disassemble the air cap, nozzle, and needle. Clean these components thoroughly using the provided cleaning brush and solvent.
3. **Fluid Passages:** The Drizzle Pro features full stainless steel fluid passages and a 'No O-Ring Design' for easier cleaning and reduced wear. Ensure all internal passages are free of paint residue.

4. **Lubrication:** Lightly lubricate moving parts, such as the needle packing, with spray gun lubricant as needed.
5. **Storage:** Store the clean and dry spray gun in a protective case or a clean, dry environment.

# Precision in Every Detail Mastery in Every Spray



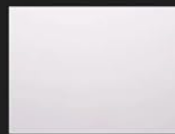
## Specification

 **1.3B** for Basecoat  
**1.3C** for Clearcoat  
Recommended nozzle size

 **29-43** psi  
Recommended working Pressure

 **7.7CFM@29psi**  
Air consumption

## Applicable paint



**Basecoat**



**Clearcoat**



**Metallic**



**Pearl**

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Figure 5.1: Internal view highlighting stainless steel channels and easy-to-clean design.

## 6. TROUBLESHOOTING

If you encounter issues with your spray gun, consider the following common troubleshooting steps:

- **Poor Spray Pattern:** Check for clogged air cap holes or nozzle. Ensure the air cap is properly aligned and tightened. Verify paint viscosity is correct.
- **Pulsating Spray:** This can indicate insufficient paint in the cup, a loose fluid nozzle, or an air leak. Check all connections.
- **Leaking:** Inspect the needle packing and fluid nozzle for damage or improper seating. Ensure all components are tightened correctly.
- **No Paint Flow:** Check if the fluid needle is stuck, the paint is too thick, or the fluid passage is clogged. Ensure the fluid adjustment knob is open.
- **Inconsistent Air Pressure:** Verify your air compressor is providing consistent pressure and that the air pressure regulator is functioning correctly.

For persistent issues, consult the detailed troubleshooting section in the included user manual or contact customer support.

## 7. SPECIFICATIONS

Technical specifications for the InoKraft Drizzle Pro LVLP Spray Gun:

	Drizzle Pro	Drizzle D1
Nozzle	1.3Basecoat/1.3Clearcoat	1.3/1.5/1.7mm nozzle sets
More Applicable paint	Metallic, Pearl, Basecoat, Clearcoat...	Basecoat, Clearcoat...
Less Air consumption	7.7 CFM	10.2CFM
For almost any air compressor	Medium & Small Area: 8+Gallon Large Area: 15+Gallon	Medium & Small Area: 8+Gallon Large Area: 20+Gallon
Wider Spray width	10.2" at 8" distance	7.9" at 8" distance

Figure 7.1: Drizzle Pro LVLP Spray Gun specifications.

Feature	Detail
Brand	InoKraft
Model Name	IK01209001 (Drizzle Pro LVLP Spray Gun)
Material	Aluminum (with Stainless Steel Fluid Passages)
Product Dimensions (W x H)	9.05"W x 7.2"H
Style	Handheld
Power Source	AC (Air Compressor Required)
Maximum Pressure	50 PSI
Recommended Working Pressure	29-43 PSI
Air Consumption	7.7 CFM @ 29 PSI

Feature	Detail
Nozzle Sizes Included	1.3B (Basecoat), 1.3C (Clearcoat)
Weight	Approximately 340g (Ultra-Light)

## 8. WARRANTY AND SUPPORT

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### 8.1 Product Protection Plans

Optional protection plans are available for your InoKraft Drizzle Pro LVLP Spray Gun:

- **3-Year Protection Plan:** Available for extended coverage.
- **4-Year Protection Plan:** Available for extended coverage.

Please refer to the product listing or contact your retailer for details on purchasing these plans.

### 8.2 Customer Support

The InoKraft customer support team is available to assist with any questions or concerns regarding your product. You can find additional resources, including videos, on Amazon and YouTube.

For direct assistance, please contact us via email:

Email: [support@inokraft.com](mailto:support@inokraft.com)

Additional online resources can be found by scanning the QR code below or visiting the provided link:



Link: [toolant.com/r/v1stgxr8](https://toolant.com/r/v1stgxr8)

