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> XDOVET Professional Dual Action Airbrush Kit User Manual

## XDOVET B0D89ZCQBJ

# XDOVET Professional Dual Action Airbrush Kit User Manual

Model: XDOVET Dual Action Airbrush Kit

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## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and effective use of your XDOVET Professional Dual Action Airbrush Kit. Please read this manual thoroughly before initial use and retain it for future reference.

This airbrush kit is designed for various applications including fine art, model painting, nail art, makeup, and temporary tattoos.

## 2. PACKAGE CONTENTS

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Verify that all items listed below are present in your package:



Image: Complete XDOVET Dual Action Airbrush Kit showing all included components.

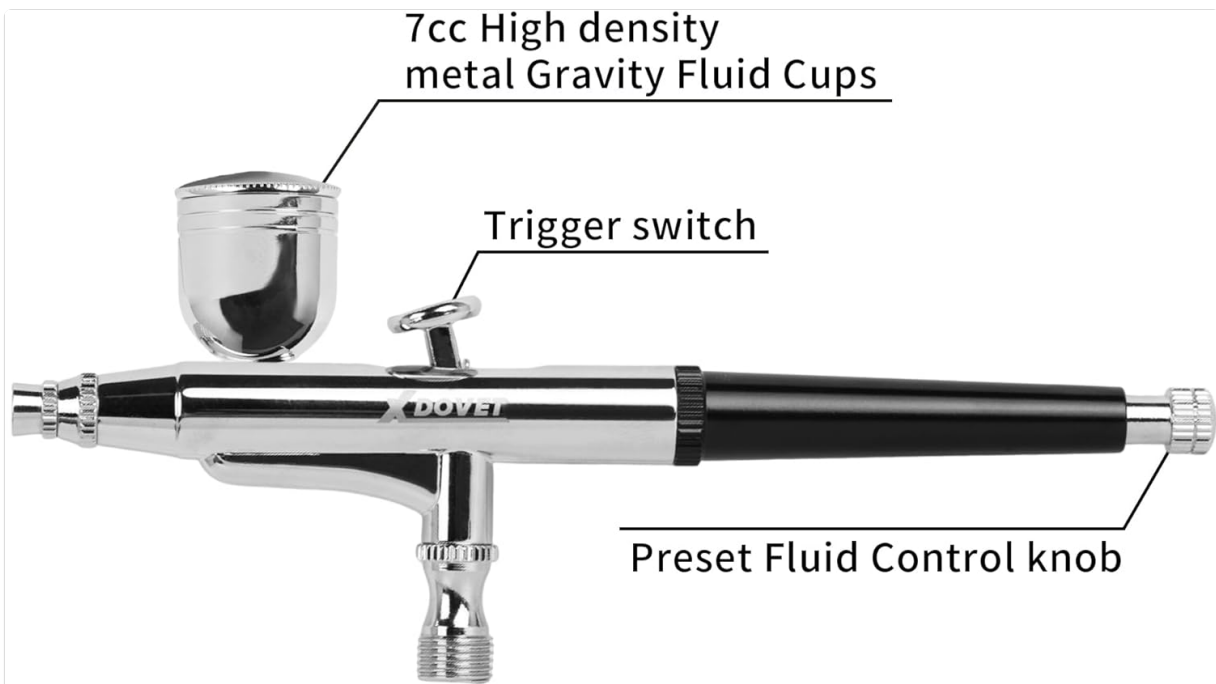
- Dual Action Airbrush
- 7ml Metal Gravity Fluid Cup
- Side Pot
- 0.2mm Needle and Nozzle Set
- 0.3mm Needle and Nozzle Set (pre-installed or included)
- 0.5mm Needle and Nozzle Set
- 1/8-1/4 Adapter
- 1.8 meter Air Hose
- Dropper
- Cleaning Brush Set
- Spare Nozzle Seal



Image: Detailed breakdown of the airbrush components including the 7cc cup, nozzles, air hose, dropper, and cleaning brushes.

### 3. PRODUCT FEATURES

- **Dual Action Trigger:** Provides precise control over both airflow and paint volume simultaneously. Push down for air, pull back for paint.
- **Adjustable Atomization:** An adjusting screw at the end of the airbrush allows for modification of the atomization size, enabling stable and fine spray effects.
- **Multiple Needle/Nozzle Sizes:** Includes 0.2mm, 0.3mm, and 0.5mm needle and nozzle sets for various spraying requirements, from fine lines to broad coverage.
- **Side-Mounted Fluid Cup:** The side design distributes weight evenly, reducing user fatigue during extended use. This configuration also minimizes the chance of pigment solidification and clogging by changing the liquid supply direction.
- **Durable Construction:** Manufactured from copper material with a stainless steel needle for enhanced durability and resistance to corrosion.
- **Easy Cleaning:** Features a self-centering inserted nozzle structure for simplified cleaning and reduced clogging.



2 Piece precision Nozzle System Includes Self-centering Multi-hole Nozzle Threaded Ring For High Fluid Flow, Nozzle cup, Fluid Nozzle and Air Cap.




0.2MM Needle

0.5MM Needle

Image: Diagram highlighting key components such as the 7cc gravity fluid cup, trigger switch, and preset fluid control knob, along with 0.2mm and 0.5mm precision nozzle systems and needles.

# Dual Action Airbrush



■ Push the trigger down to control the airflow.



■ Push back to start painting.

Image: Visual guide demonstrating the dual-action trigger: pushing down controls airflow, pulling back initiates paint spraying.

# Widely Used In



Nails



T-shirt graffiti



Painting



Plaster dolls



Model coloring



Dessert

Image: Examples of common applications for the airbrush, including nail art, T-shirt graffiti, general painting, model coloring, and dessert decoration.



Image: Comparison illustrating how the side-mounted fluid pot design reduces the chance of clogging compared to traditional top-mounted pots.

## 4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the package contents list.
2. **Attach Fluid Cup:** Securely screw the 7ml metal gravity fluid cup or side pot onto the airbrush body.
3. **Connect Air Hose:** Attach one end of the 1.8-meter air hose to the airbrush and the other end to your air compressor. Ensure connections are tight to prevent air leaks. Use the 1/8-1/4 adapter if necessary for your compressor.
4. **Initial Test with Water:** Before introducing any paint, fill the fluid cup with clean water. Connect the air compressor and test spray to ensure proper atomization and function. This helps clear any manufacturing residue.
5. **Prepare Paint:** Dilute your chosen paint (watercolors, inks, dyes, or high-quality acrylics) to the appropriate consistency for airbrushing. The consistency should be similar to milk.
6. **Fill Fluid Cup:** Pour the prepared liquid into the fluid cup. Do not overfill.



Image: Visual steps for setting up the airbrush, including testing with clean water, mounting cups, removing the cover, pouring liquid, connecting the air compressor, and beginning to spray.

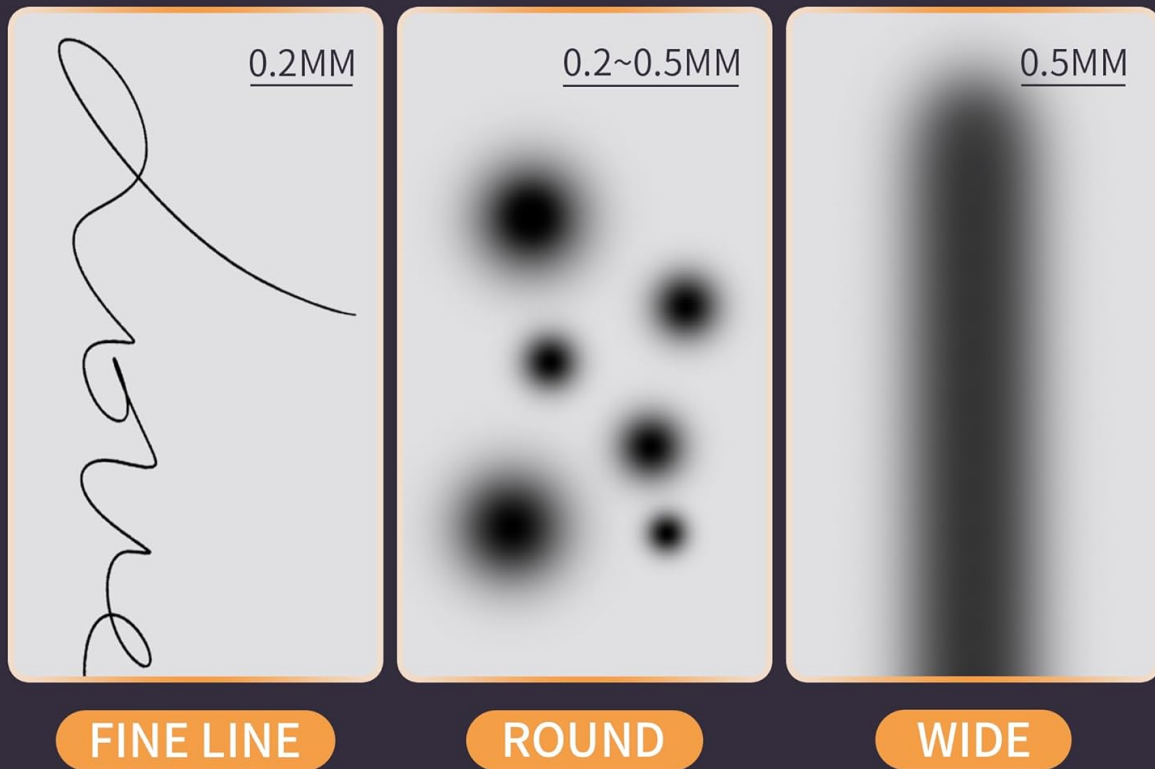
## 5. OPERATING INSTRUCTIONS

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The XDOVET airbrush features a dual-action trigger for precise control.

1. **Power On Compressor:** Ensure your air compressor is turned on and set to the desired working pressure (15-50 psi recommended).
2. **Control Airflow:** Press the trigger down to release air. This initiates airflow through the airbrush.
3. **Control Paint Flow:** While holding the trigger down for air, pull the trigger back to release paint. The further you pull back, the more paint will be released.
4. **Adjust Spray Pattern:** The adjusting screw at the rear of the airbrush can be used to pre-set the maximum needle travel, which controls the maximum paint flow and atomization size.
5. **Practice:** It is recommended to practice on a scrap surface to get accustomed to the airbrush's feel and to achieve desired spray patterns and paint coverage.

# REALISTIC SPRAYING EFFECT DISPLAY



1. ADJUSTMENT SCREW AT THE END OF THE GUN CONTROLS THE ATOMIZATION SIZE.
2. STABILIZES FINE LINE OUTPUT AS WELL AS SPRAYING LARGE AREAS.
3. EQUIPPED WITH A 0.2 AND 0.5 MM NEEDLE AND NOZZLE TIP SET, YOU CAN EASILY MASTER ANY SIZE OF LINE TO HELP YOU FINISH SPRAYING TASK MORE EASILY.

Image: Illustration of different spraying effects (fine line, round, wide) achievable with 0.2mm, 0.3mm, and 0.5mm needle/nozzle sets, demonstrating how the adjustment screw controls atomization.

## 6. MAINTENANCE AND CLEANING

Proper cleaning is crucial for the longevity and performance of your airbrush. Clean immediately after each use, especially if changing colors or if the airbrush will be idle for more than ten minutes.

1. **Empty Fluid Cup:** Remove any remaining paint from the fluid cup.
2. **Flush with Cleaner:** Fill the fluid cup with an appropriate airbrush cleaner or solvent for the type of paint used. Spray the cleaner through the airbrush until it runs clear.
3. **Backflush (Optional but Recommended):** Cover the nozzle tip with a finger or cap and gently pull back the trigger to allow air to bubble back into the fluid cup. This helps dislodge paint particles.
4. **Disassemble for Deep Cleaning:** For thorough cleaning, carefully disassemble the airbrush. Remove the needle, nozzle, and fluid cup.
5. **Clean Components:** Use the provided cleaning brushes and appropriate cleaner to meticulously clean all disassembled parts, paying close attention to the needle, nozzle, and air cap.
6. **Rinse and Dry:** Rinse all components with clean water and allow them to air dry completely before reassembly.

7. **Lubrication:** Apply a small amount of airbrush lubricant (specifically designed for airbrushes) to the needle and trigger mechanism periodically to ensure smooth operation.

**Important Note:**

- Always test spray pure water before injecting paint to confirm proper atomization.
- If the airbrush is out of use for more than ten minutes, clean it briefly and immediately to prevent clogging.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No air flow	Air compressor off; hose disconnected; trigger not pressed down.	Check compressor power; ensure hose is securely connected; press trigger down fully.
No paint flow or sputtering	Clogged nozzle/needle; paint too thick; fluid cup empty; needle not pulled back.	Clean nozzle/needle; dilute paint; refill fluid cup; pull trigger back.
Paint leaks from nozzle	Damaged nozzle; loose nozzle; bent needle; worn O-rings.	Inspect and replace nozzle if damaged; tighten nozzle; straighten or replace needle; replace O-rings.
Inconsistent spray pattern	Partially clogged nozzle; uneven paint consistency; low air pressure.	Thoroughly clean nozzle; ensure paint is properly diluted; check air compressor pressure.
Trigger stuck	Dried paint in mechanism; lack of lubrication.	Disassemble and clean trigger mechanism; apply airbrush lubricant.

## 8. SPECIFICATIONS

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- **Brand:** XDOVET
- **Model:** Dual Action Airbrush Kit
- **Needle/Nozzle Sizes:** 0.2mm, 0.3mm, 0.5mm
- **Fluid Cup Capacity:** 7ml (gravity feed)
- **Working Pressure:** 15-50 psi (air compressor not included)
- **Air Hose Length:** 1.8 meters
- **Material:** Copper body, Stainless Steel needle
- **Package Dimensions:** 9.33 x 7.01 x 2.05 inches
- **Item Weight:** 1.04 pounds

## 9. WARRANTY AND SUPPORT

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XDOVET offers a satisfaction guarantee for this airbrush kit. If you are not satisfied with your purchase within the first year, please contact customer support for assistance.

**To Contact Support:**

1. Navigate to your Order History.
2. Select "Order Related Problems".

3. Choose "Other Problems".
4. Click "Contact Seller".
5. Select "Other Problems" as the reason and fill out your question.

The manufacturer is committed to resolving any issues promptly.