MEEDEN ABC-7007

MEEDEN Airbrush Spray Gun Kit Instruction Manual

Model: ABC-7007

Introduction

This manual provides detailed instructions for the MEEDEN Airbrush Spray Gun Kit, Model ABC-7007. This kit includes three professional dual-action airbrushes: Model AR30 (0.5mm tip, 7cc gravity feed), Model AR35 (0.25mm tip, 2cc gravity feed), and Model AR28 (0.35mm tip, 5-22cc siphon feed). These airbrushes are designed for a wide range of applications, from fine detail work to broader coverage, catering to both beginners and experienced artists.

Product Components

The MEEDEN Airbrush Spray Gun Kit includes the following components:



Figure 1: MEEDEN AR30 Airbrush (0.5mm Gravity Feed)

Components include Needle Cap, Nozzle Cap, 0.5mm Fluid Nozzle, 7cc Gravity Fluid Cup, Lid for Color Cup, Dual-

Action Trigger, Needle Handle Cover, Preset Fluid Control Knob, Air Intake Valve, Hose Connector, Dropper, and Nozzle Spanner.

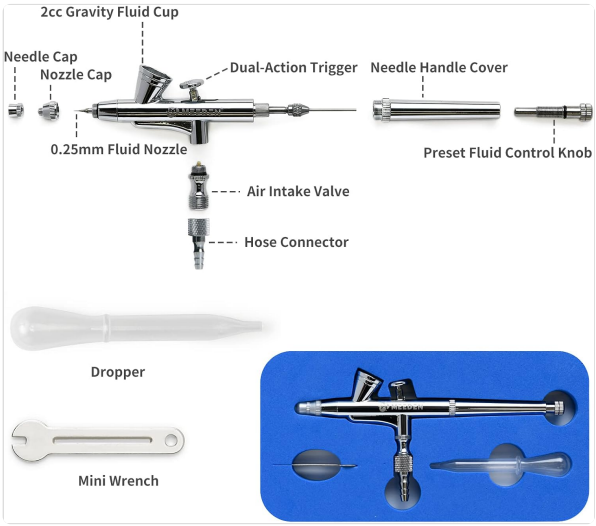


Figure 2: MEEDEN AR28 Airbrush (0.35mm Siphon Feed)

Components include Needle Cap, Nozzle Cap, 0.35mm Fluid Nozzle, Dual-Action Trigger, Needle Handle Cover, Air Intake Valve, Hose Connector, 22cc Glass Jar Assembly, 7mm Wrench.



Figure 3: MEEDEN AR35 Airbrush (0.25mm Gravity Feed)

This model features a 0.25mm fluid nozzle and a 2cc gravity fluid cup, ideal for fine detail work. It includes similar components to the AR30, such as needle cap, nozzle cap, dual-action trigger, and fluid control knob.

Setup and Operating Instructions

Follow these steps to set up and operate your MEEDEN dual-action airbrush:

1. **Prepare the Airbrush:** Ensure all components are securely assembled. For models with an adjusting screw (AR30, AR35), rotate it to prepare for air and paint flow. Model AR28 does not have an adjusting screw; proceed directly to step 2.

2. **Connect Air Source:** Attach the airbrush to your air compressor or air source via the hose connector.
3. **Fill Fluid Cup/Bottle:** Add your desired paint or medium to the gravity fluid cup (AR30, AR35) or siphon feed bottle (AR28). Ensure the paint is properly thinned for airbrush use.
4. **Dual-Action Trigger Operation:**
    - **Press Down:** Press the main lever (trigger) down to initiate airflow through the airbrush.
    - **Pull Back:** While holding the lever down, pull it back to release paint from the nozzle and atomize it. The further back you pull, the more paint is released.
5. **Adjust Paint Flow:** Use the preset fluid control knob (if available on your model) to limit how far back the needle can retract, allowing for consistent paint flow and fine line control.

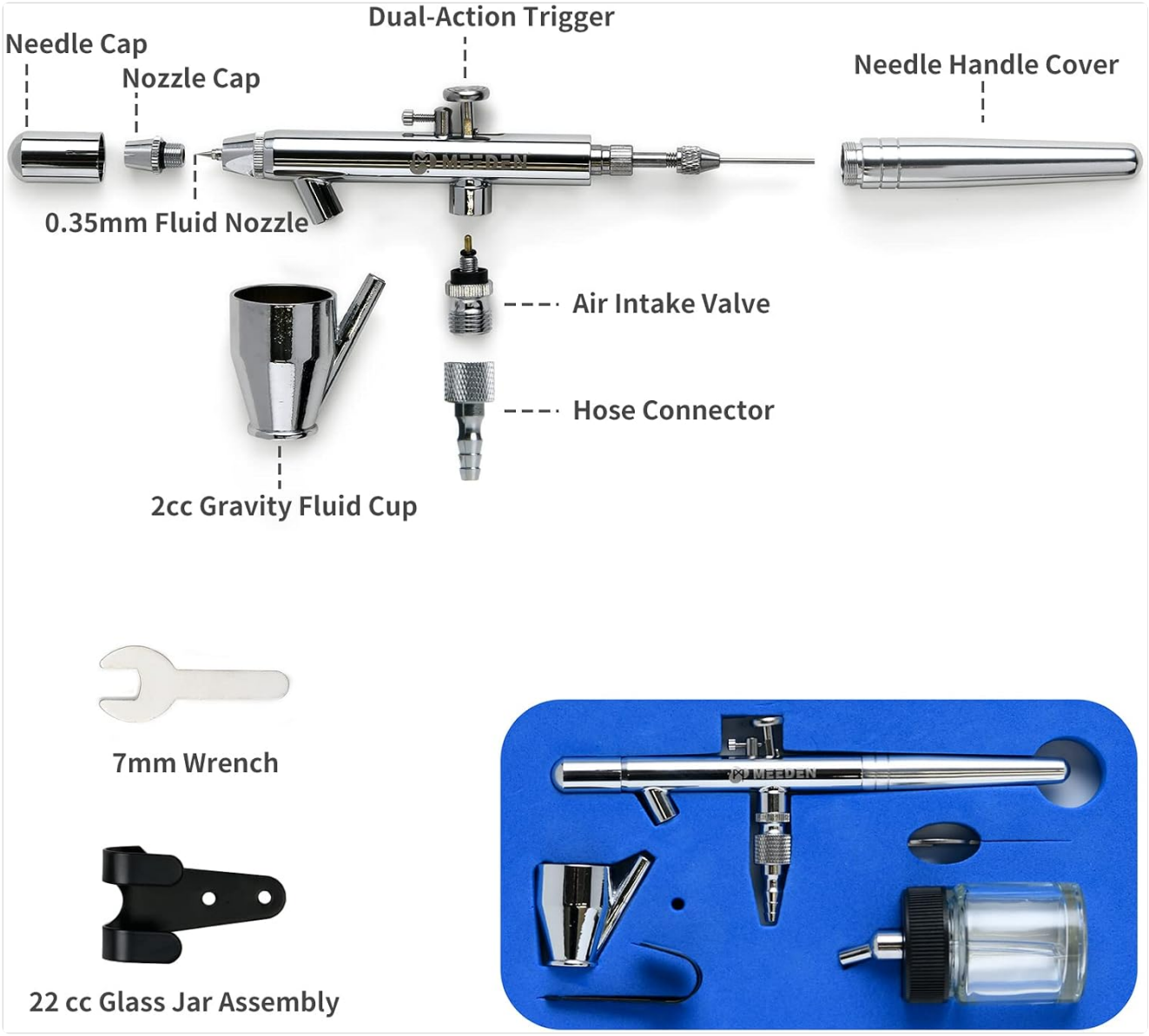


Figure 4: Dual-Action Trigger Operation

Maintenance and Cleaning

Proper cleaning is essential for maintaining your airbrush's performance and longevity. Clean your airbrush immediately after each use, especially when changing colors or finishing a session.

1. **Empty Fluid Cup/Bottle:** Remove any remaining paint from the fluid cup or siphon bottle.
2. **Initial Rinse:** Using a cleaning brush, wash the cup/bottle with an appropriate cleaning solution (e.g., water for

water-based paints, specific thinner for other paints). Spray the cleaning solution through the airbrush until the stream is clear.

3. **Back-Flush Cleaning:** Refill the cup with cleaning solution. Block the needle cover with your finger and press down the trigger to allow air to flow. The air will flow backward into the nozzle, creating bubbles in the cup and cleaning paint residue from the nozzle area. Repeat until clean.
4. **Disassembly and Deep Clean (Periodically):** For thorough cleaning, carefully disassemble the airbrush components (needle, nozzle, needle cap, nozzle cap). Clean each part with a suitable cleaning solution and specialized airbrush cleaning brushes. Reassemble carefully, ensuring not to overtighten delicate parts.

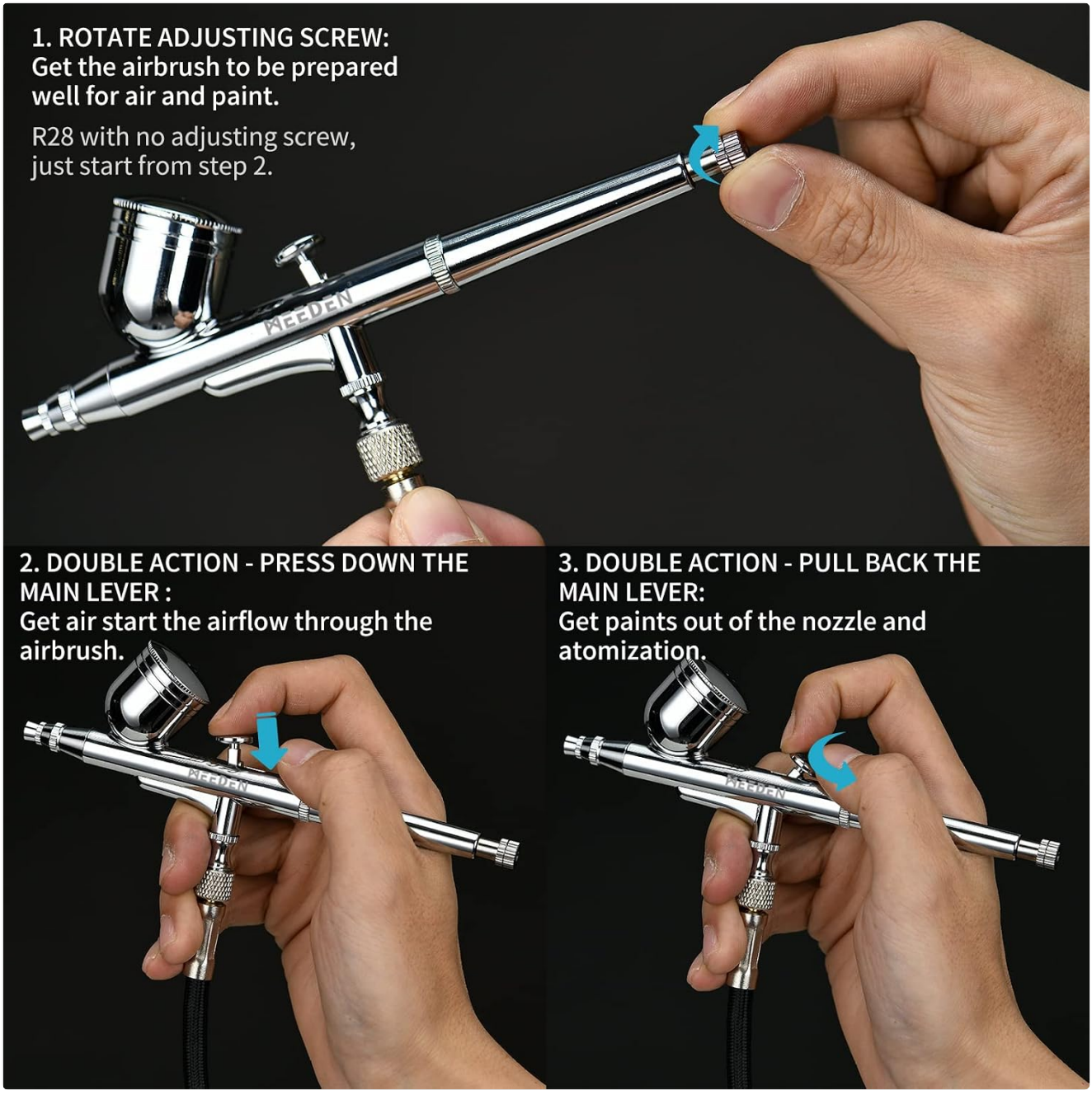


Figure 5: Airbrush Cleaning Process

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No paint flow or sputtering	Clogged nozzle, dried paint in needle, insufficient air pressure, paint too thick	Clean nozzle and needle thoroughly. Increase air pressure. Thin paint appropriately.
Air bubbles in fluid cup	Loose nozzle, damaged nozzle, bent needle tip	Tighten nozzle. Inspect nozzle for damage; replace if necessary. Straighten or replace needle.
Uneven spray pattern	Partially clogged nozzle, bent needle, inconsistent air pressure	Clean nozzle. Inspect and replace needle if bent. Ensure stable air pressure.
Trigger sticks or is stiff	Dried paint or lubricant buildup in trigger mechanism	Disassemble and clean trigger mechanism. Apply a small amount of airbrush lubricant.

Specifications

The MEEDEN Airbrush Spray Gun Kit includes three distinct airbrush models:

- **Model AR30 (0.5mm Gravity Feed)**
  - Needle Size: 0.5mm
  - Fluid Cup Capacity: 7cc
  - Working Pressure: 15-50 PSI
  - Ideal for: Overall sprays, background work, medium to broad coverage.



1.Empty the fluid cup. Then using a brush, wash with an appropriate cleaner solution. Spray until the stream is clear.

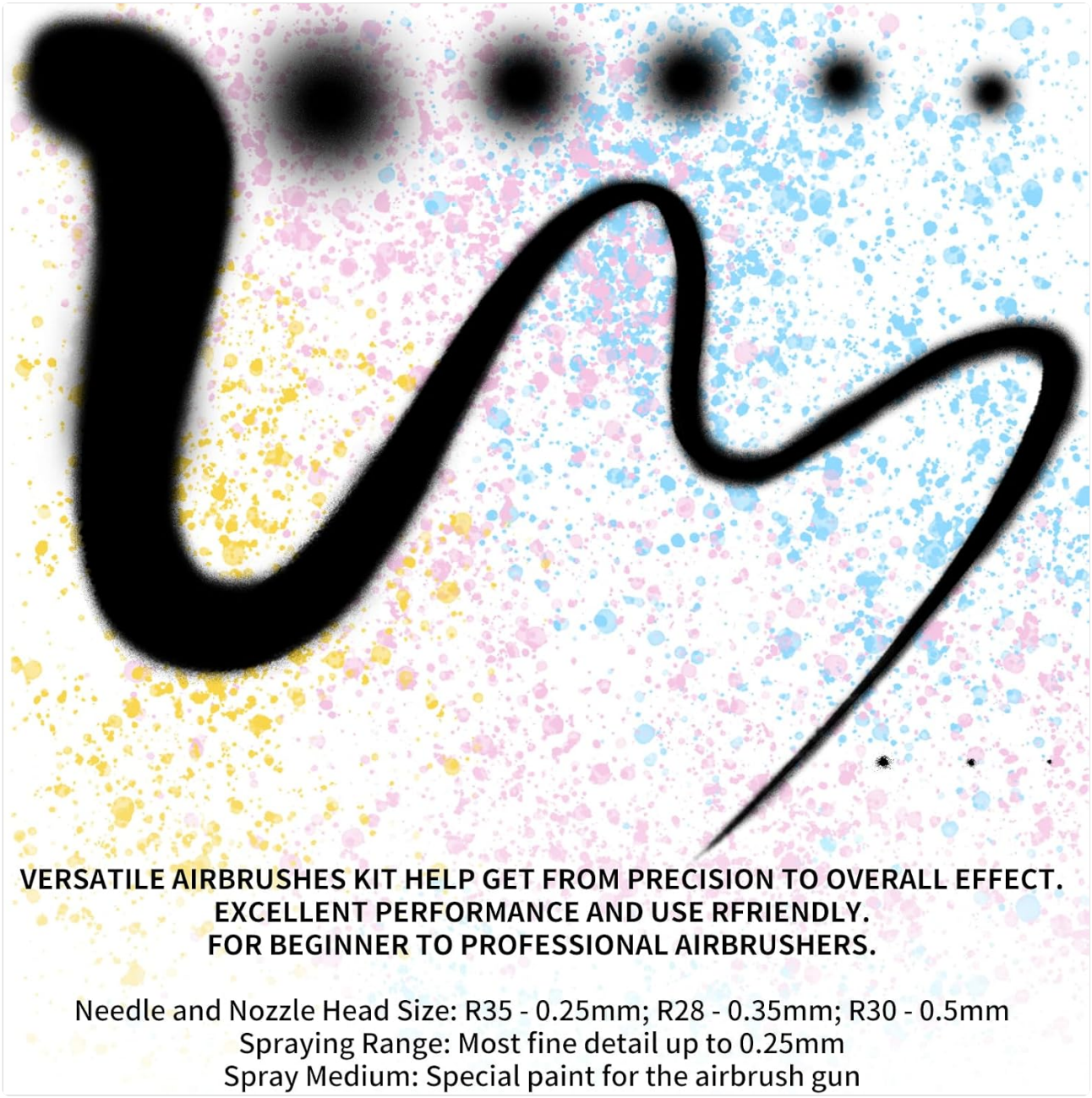


2.Refill cup with appropriate cleaner solution, then block the needle cover with a finger and spray.



3.The air flows backward into the nozzle to clean the paint remaining in the airbrush.

- **Model AR35 (0.25mm Gravity Feed)**
  - Needle Size: 0.25mm
  - Fluid Cup Capacity: 2cc
  - Working Pressure: 15-50 PSI
  - Ideal for: Extra fine detail, intricate lines, small areas.
- **Model AR28 (0.35mm Siphon Feed)**
  - Needle Size: 0.35mm
  - Fluid Cup Capacity: 5-22cc (with included siphon bottles)
  - Working Pressure: 15-50 PSI
  - Ideal for: General purpose, larger projects, continuous spraying with larger paint volumes.



General Specifications:

- Material: Stainless Steel
- Item Dimensions: 8 x 5 x 4 inches (packaging)
- Included Components: 3 Airbrush Guns, Cleaning Kit, Instruction Manual

Versatile Applications

The MEEDEN Airbrush Spray Gun Kit is suitable for a wide array of artistic and practical applications, supporting various paint types and media. It is designed for users from beginners to advanced artists.



Figure 6: Multi-Purpose Airbrush Applications

Common uses include:

- Hobbies and Crafts
- Model Painting
- Fingernail Art
- Automotive Graphics
- Temporary Tattoos
- Makeup Application
- Cake Decorating

Product Video

Watch this official video for a visual guide on the dual-action airbrush guns and their features.

Video 1: Dual-Action Airbrush Gun in Gravity & Siphon Feed with 3pcs

This video demonstrates the functionality and features of the MEEDEN dual-action airbrush kit, showcasing both gravity and siphon feed models.

Warranty and Support

Warranty: The MEEDEN Airbrush Spray Gun Kit comes with a 2-year warranty, covering manufacturing defects and ensuring product quality.
Customer Support: For any questions, concerns, or assistance with your MEEDEN product, please contact MEEDEN customer support. We are dedicated to providing high-quality art supplies and support for your artistic endeavors.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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