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AW AW-ABR000010

AW 0.3mm Dual Action Airbrush Gun Kit Instruction Manual

Model: AW-ABR000010

1. PRODUCT OVERVIEW

The AW 0.3mm Dual Action Airbrush Gun Kit is designed for precise application in various fields such as painting, tattoo art, nail art, makeup, cake decorating, and hobby projects. This kit features a 0.3mm fine nozzle for accurate spraying and a dual-action trigger for comprehensive control over airflow and paint volume.

Professional Airbrush Kit



Image 1.1: The AW 0.3mm Dual Action Airbrush Gun Kit, including the airbrush, storage case, wrench, dropper, and air hose connector.

Kit Components:

- **0.3mm Dual Action Gravity Feed Airbrush:** The main spraying tool with a 0.3mm nozzle for fine detail work.
- **7cc Gravity Feed Fluid Cup:** Integrated cup with a lid for holding paint, designed for efficient flow at low pressures.
- **Air Hose Connector:** For connecting the airbrush to an air compressor hose.
- **Dropper:** For precise measurement and mixing of paints.
- **Wrench:** Used for disassembling the nozzle for cleaning and maintenance.
- **Storage Case:** A protective case for organizing and transporting the airbrush and its accessories.

2. SETUP INSTRUCTIONS

Before using your airbrush, ensure all components are clean and properly assembled. A clean setup prevents clogs and ensures optimal performance.

2.1 Initial Inspection and Cleaning

1. Unpack all components from the storage case.
2. Inspect the airbrush for any visible damage or debris from manufacturing.
3. Perform an initial flush with water or appropriate airbrush cleaner through the airbrush to remove any manufacturing residues.

2.2 Connecting to Air Source

1. Attach the air hose connector to the air inlet at the bottom of the airbrush body. Ensure it is securely tightened.
2. Connect your air hose from a compatible air compressor to the air hose connector.
3. Ensure your air compressor is set to the recommended operating pressure for airbrushing (typically between 15-30 PSI, refer to your paint manufacturer's recommendations).



Image 2.1: Detail of the air hose connector properly attached to the airbrush.

2.3 Preparing Paint

1. Select the appropriate paint for your project. Ensure it is suitable for airbrush use.
2. Thin the paint to the consistency of milk using the recommended thinner for your specific paint type. Use the dropper for accurate mixing ratios.
3. Pour the prepared paint into the 7cc gravity feed fluid cup. Do not overfill.

3. OPERATING INSTRUCTIONS

The AW airbrush features a dual-action trigger, allowing for precise control over both air and paint flow.

3.1 Dual-Action Trigger Control

- **Airflow Control:** Press the trigger straight down to release air. The further you press, the more air flows.
- **Paint Volume Control:** While holding the trigger down for air, pull the trigger back to release paint. The further you pull back, the more paint is sprayed.
- Practice combining these two actions to achieve desired spray patterns and paint coverage.

Dual Action & Gravity Feed



Dual-action Trigger

- Control both the airflow and paint volume
- Press down to spray & pull back to increase the air pressure



7cc Gravity Fluid Cup

- Provide high efficient paint and coating flowing at low-pressure levels

Image 3.1: Detail of the dual-action trigger mechanism on the airbrush.

3.2 Basic Spraying Technique

1. Hold the airbrush approximately 2-6 inches (5-15 cm) from your working surface, depending on the desired spray pattern.
2. Begin by pressing the trigger down to start airflow.
3. While air is flowing, pull the trigger back to begin spraying paint.
4. Move the airbrush steadily across your surface. Release the paint trigger (push forward) before releasing the air trigger (lift up) to prevent paint from drying in the nozzle.
5. Always start and end your spray off the actual work surface to avoid splatters or heavy spots.



Image 3.2: An airbrush in operation, demonstrating the spray pattern.

4. MAINTENANCE AND CLEANING

Proper cleaning and maintenance are crucial for the longevity and performance of your airbrush. Clean your airbrush immediately after each use.

4.1 Quick Cleaning (Between Color Changes)

1. Empty any remaining paint from the fluid cup.
2. Add a small amount of appropriate airbrush cleaner or water to the cup.
3. Spray the cleaner through the airbrush onto a paper towel or into a cleaning pot until the spray runs clear.
4. Repeat if necessary.

4.2 Thorough Cleaning (After Each Session)

1. Perform a quick clean as described above.
2. Unscrew the needle chucking guide and carefully pull the needle out from the front of the airbrush. Clean the needle with a soft cloth and cleaner.
3. Use the provided wrench to carefully unscrew the nozzle cap and then the nozzle itself. Clean the nozzle thoroughly with a small brush and cleaner. Be extremely careful as the nozzle is delicate.
4. Clean the inside of the fluid cup and the airbrush body with a brush and cleaner.
5. Reassemble the airbrush in reverse order. Ensure the nozzle is tightened gently to avoid damage.



Image 4.1: Key components of the airbrush disassembled for thorough cleaning.

4.3 Lubrication

Occasionally, apply a tiny drop of airbrush-specific lubricant to the needle packing and trigger mechanism to ensure smooth operation. Do not use petroleum-based lubricants.

5. TROUBLESHOOTING

This section addresses common issues you might encounter during airbrush operation.

Problem	Possible Cause	Solution
No paint flow or sputtering	Clogged nozzle or needle tip; paint too thick; insufficient air pressure.	Clean nozzle and needle; thin paint properly; increase air pressure.

Problem	Possible Cause	Solution
Uneven spray pattern	Damaged or bent needle/nozzle; paint consistency issues; inconsistent air pressure.	Inspect and replace damaged parts; adjust paint thinning; check compressor.
Air bubbles in fluid cup	Loose nozzle; cracked nozzle; debris in nozzle.	Tighten nozzle gently; inspect nozzle for cracks and replace if necessary; clean nozzle thoroughly.
Trigger sticks or is stiff	Dried paint in mechanism; lack of lubrication.	Thoroughly clean the trigger area; apply airbrush lubricant.
Air leakage	Loose connections; damaged O-rings.	Check all connections for tightness; inspect and replace O-rings if worn.

6. SPECIFICATIONS

Technical specifications for the AW 0.3mm Dual Action Airbrush Gun Kit.

- **Model Number:** AW-ABR000010
- **Nozzle Diameter:** 0.3mm
- **Fluid Cup Capacity:** 7cc (Gravity Feed)
- **Action Type:** Dual-Action Trigger
- **Material:** Nickel-plated Copper & Oxidized Aluminum
- **Product Dimensions:** 5.75 x 0.5 x 2.7 inches (14.6 x 1.3 x 6.8 cm)
- **Item Weight:** 12 ounces (approx. 340 grams)



Image 6.1: Diagram illustrating the dimensions of the airbrush.