

Manuals.plus /

- › Master Airbrush /
- › Master Airbrush Model G34 Dual-Action Gravity Feed Airbrush User Manual

## Master Airbrush G34

# Master Airbrush Model G34 User Manual

Multi-Purpose Dual-Action Gravity Feed Airbrush

## 1. PRODUCT OVERVIEW

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The Master Airbrush Model G34 is a high-performance, multi-purpose dual-action gravity feed airbrush designed for precision applications. It features a 1/16 oz. funnel-shaped gravity fluid cup and a 0.3mm needle and nozzle, making it a versatile tool for various artistic and technical tasks.

This airbrush is user-friendly and suitable for all skill levels, from beginners to advanced artists. Its design allows for fine detail spray, overall coverage, and background sprays up to 1-1/2 inches wide. The small fluid cup facilitates quick color changes with minimal paint, while the fluid adjustment control knob provides precise paint flow management.

The G34 is ideal for hobbies, crafts, automotive graphics, temporary tattoos, cake decorating, fine art, and nail art. It performs exceptionally well with a wide range of media, including watercolors, acrylics, enamels, inks, dyes, food coloring, and automotive coatings.

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**Video 1:** Overview of the Master Airbrush Model G34 Multi-Purpose Dual-Action Gravity Feed Airbrush, showcasing its features and versatility.

## 2. COMPONENTS AND PARTS IDENTIFICATION

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Familiarize yourself with the various components of your Master Airbrush Model G34 to ensure proper assembly, operation, and maintenance.



# MULTI-PURPOSE DUAL-ACTION GRAVITY FEED AIRBRUSH



**Image 1:** Labeled diagram of the Master Airbrush Model G34, highlighting the 1/16 oz. funnel shaped gravity fluid cup, ergonomic trigger, preset fluid control knob, and the 3-piece precision head system including the needle cap, nozzle cap, fluid nozzle, and 0.3mm needle.

**MASTER**  
**PERFORMANCE**  
MULTI-PURPOSE

## G34 MULTI-PURPOSE DUAL-ACTION GRAVITY FEED AIRBRUSH SET

1/16 oz Funnel Shaped  
Gravity Fluid Cup

Ergonomic Trigger

Preset Fluid  
Control Knob



**Image 2:** Exploded diagram of the Master Airbrush Model G34, illustrating all individual parts for assembly, disassembly, and cleaning.

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**Video 2:** Detailed animation showing the assembly and disassembly of the Master Airbrush Model G34, highlighting the needle cap, nozzle cap, fluid nozzle, 1/16 oz. gravity fluid cup, ergonomic trigger, preset fluid control knob, handle, needle chucking nut, spring guide, and 0.3mm needle.

### 3. SETUP INSTRUCTIONS

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the airbrush for any signs of damage.
2. **Assemble Components:** Refer to the 'Components and Parts Identification' section and Image 2/Video 2 to ensure all parts are correctly assembled. Ensure the needle, nozzle, and caps are securely but gently tightened.
3. **Connect to Air Source:** Attach the airbrush to a compatible air compressor or air tank using an appropriate air hose. Ensure all connections are secure to prevent air leaks.
4. **Prepare Paint:** Thin your chosen paint medium to the appropriate consistency for airbrushing. The ideal consistency is similar to milk. Always filter paint to remove any particles that could clog the nozzle.
5. **Fill Fluid Cup:** Pour the prepared paint into the 1/16 oz. gravity fluid cup. Do not overfill.

#### 4. OPERATING INSTRUCTIONS

The Master Airbrush Model G34 is a dual-action airbrush, meaning the trigger controls both air and fluid flow independently.

1. **Air Control:** Press the trigger down to release air.
2. **Fluid Control:** Pull the trigger back to release paint. The further back you pull, the more paint is released.
3. **Spray Pattern Adjustment:** The 0.3mm needle and nozzle allow for fine lines and broader sprays. Adjust the distance from the surface and the trigger pull to achieve desired effects. The preset fluid control knob at the rear of the airbrush can limit how far the needle can retract, providing consistent maximum paint flow.
4. **Practice:** Before working on your final project, practice on a scrap surface to get a feel for the airbrush's response and to achieve consistent lines and coverage.



**Image 3:** Illustration of the spray capabilities of the Master Airbrush Model G34, showing its ability to produce fine detail lines and broader patterns up to 1-1/2 inches, and its compatibility with various paint viscosities.

#### 5. MAINTENANCE AND CLEANING

Proper cleaning and maintenance are crucial for the longevity and optimal performance of your airbrush. Clean your airbrush immediately after each use, especially when changing colors or finishing a session.

### Quick Cleaning (Between Colors):

1. Empty any remaining paint from the fluid cup.
2. Add a small amount of appropriate cleaner (water for water-based paints, solvent for solvent-based paints) to the cup.
3. Back-flush: Cover the nozzle with your finger or a cap and press the trigger for air, allowing air to bubble back into the cup. This helps dislodge paint from the nozzle.
4. Spray the cleaner through the airbrush onto a paper towel until clear. Repeat if necessary.

### Thorough Cleaning (After Each Session):

1. Perform quick cleaning steps.
2. Disassemble the airbrush: Carefully remove the needle cap, nozzle cap, fluid nozzle, and needle. Refer to Image 2/Video 2 for guidance.
3. Clean all parts: Use a soft brush and appropriate cleaner to thoroughly clean all disassembled parts, paying close attention to the needle, nozzle, and fluid cup. Avoid using metal tools on the nozzle as it can easily be damaged.
4. Inspect: Check the needle tip and nozzle for any bends, clogs, or damage.
5. Reassemble: Carefully reassemble the airbrush, ensuring all parts are correctly seated and tightened. Do not overtighten the nozzle.

## 6. TROUBLESHOOTING

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Here are some common issues and their solutions:

- **No Paint Flow:**

- *Check for Clogs:* The most common cause. Disassemble and thoroughly clean the nozzle and needle.
- *Paint Too Thick:* Thin your paint to the correct consistency.
- *Needle Not Retracting:* Ensure the needle chucking nut is secure and the trigger mechanism is free.

- **Inconsistent Spray / Spattering:**

- *Partial Clog:* Clean the nozzle and needle.
- *Air Leaks:* Check all connections (air hose, nozzle cap) for tightness.
- *Bent Needle Tip:* A bent needle tip can cause irregular spray. Replace if damaged.
- *Paint Consistency:* Ensure paint is properly thinned and mixed.

- **Air Bubbles in Fluid Cup:**

- *Loose Nozzle:* Tighten the fluid nozzle.
- *Damaged Nozzle:* Inspect the nozzle for cracks or damage. Replace if necessary.

- **Trigger Sticking:**

- *Dried Paint:* Clean the trigger mechanism area thoroughly.
- *Lubrication:* Apply a small amount of airbrush-safe lubricant to the trigger pivot points if needed.

## 7. SPECIFICATIONS

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| Feature              | Detail   |
|----------------------|--|
| Brand                | Master Airbrush  |
| Model Name           | G34  |
| Model Number         | FBA_G34  |
| Airbrush Type        | Dual-Action, Gravity Feed  |
| Fluid Cup Size       | 1/16 oz. (funnel shaped)   |
| Needle & Nozzle Size | 0.3mm  |
| Control              | Ergonomic Trigger, Preset Fluid Control Knob   |
| Applications         | Hobbies, Crafts, Auto Graphics, Temporary Tattoos, Cake Decorating, Fine Art, Nail Art |
| Compatible Media     | Watercolors, Acrylics, Enamels, Inks, Dyes, Food Coloring, Automotive Coatings         |

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or to purchase replacement parts, please contact Master Airbrush directly through their official website or the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.