

NEOECO NCT-SJ81S3-T

NEOECO Multi-Purpose Airbrush Kit Instruction Manual

Model: NCT-SJ81S3-T

1. INTRODUCTION

Thank you for choosing the NEOECO Multi-Purpose Airbrush Kit. This manual provides essential information for the proper setup, operation, and maintenance of your airbrush kit. Please read it thoroughly before first use to ensure optimal performance and longevity of your product.

This high-performance dual-action gravity feed airbrush kit is designed for a wide range of applications, including hobbies, models, crafts, nail art, makeup, automotive purposes, tattoos, taxidermy, photo retouching, t-shirts, murals, fine art, illustrations, and cake decorating.

Your browser does not support the video tag.

Video: Overview of the Neoeco airbrush NCT-SJ81 multi-purpose airbrush kit, showcasing its components and general appearance.

2. PACKAGE CONTENTS

Your NEOECO Multi-Purpose Airbrush Kit includes the following components:

- High-performance dual-action airbrush
- 3 detachable fluid cups (9cc, 20cc, 40cc)
- 3 nozzle sets (0.2mm, 0.3mm, & 0.5mm needles, fluid tips, and air caps)
- 2 differently shaped nozzle caps (crown cap, round cap)
- Moisture trap
- 6-foot braided air hose
- Cleaning brushes
- Cleaning needles
- Quick disconnect coupler
- O-ring set
- Gold reamer
- User Manual

Package List

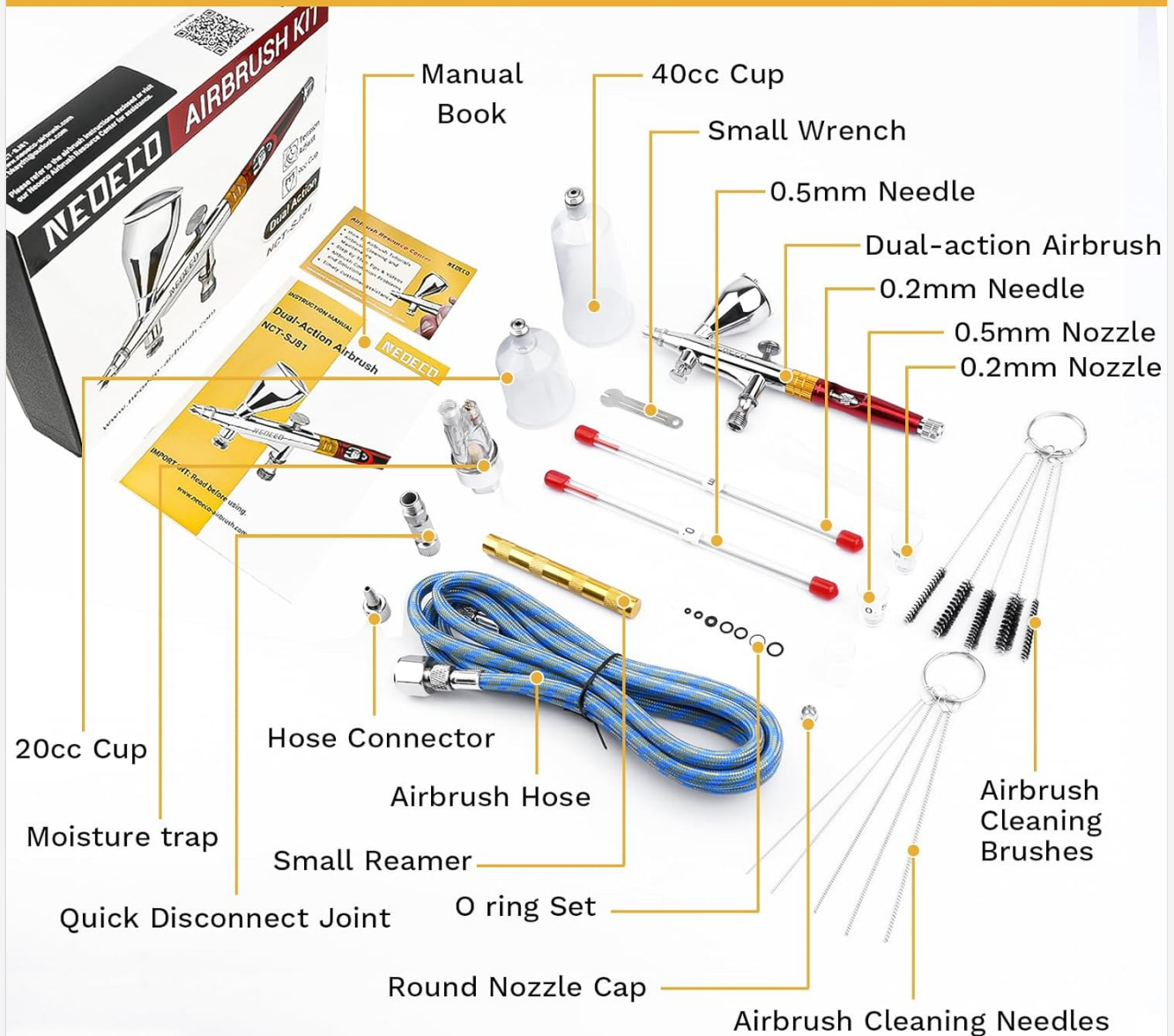


Image: Detailed view of all components included in the NEOECO Airbrush Kit, laid out with labels.

3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the package contents list.
2. **Connect Air Hose:** Attach one end of the 6-foot braided air hose to your air compressor and the other end to the quick disconnect coupler on the airbrush. Ensure all connections are secure to prevent air leaks.
3. **Install Fluid Cup:** Select the desired fluid cup (9cc, 20cc, or 40cc) and securely attach it to the top of the airbrush.
4. **Select Nozzle Set:** Choose the appropriate nozzle set (0.2mm, 0.3mm, or 0.5mm) based on your painting needs and install it carefully. The 0.3mm set is typically pre-installed.
5. **Attach Nozzle Cap:** Screw on either the crown nozzle cap or the round nozzle cap. The crown cap helps decrease paint build-up and spitting, while the round cap provides protection.
6. **Initial Cleaning:** Before first use, it is recommended to flush the airbrush with clean water or airbrush cleaner to remove any manufacturing residues.

Your browser does not support the video tag.

Video: A comprehensive guide on how to set up and begin your first airbrush project, including initial steps and basic usage.

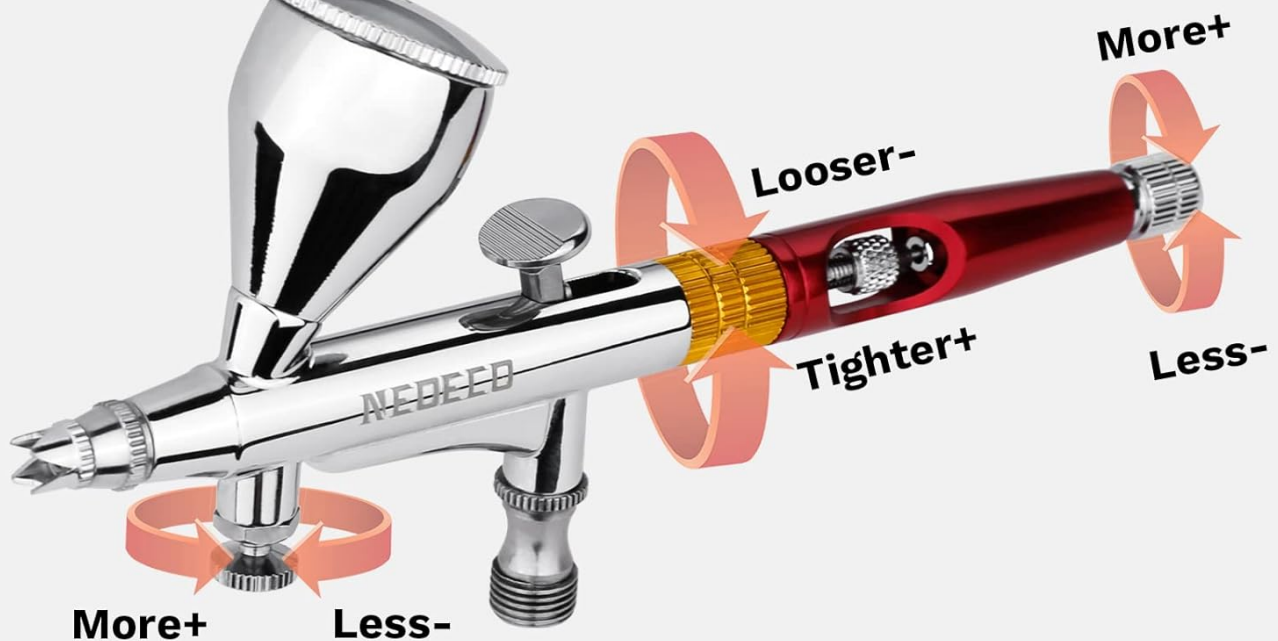
4. OPERATING INSTRUCTIONS

4.1. Basic Operation

- **Power On:** Ensure your air compressor is turned on and connected to the airbrush.
- **Add Paint:** Pour properly thinned paint into the fluid cup.
- **Activate Air:** Press the lever down to activate the airflow.
- **Activate Paint:** While holding the lever down, pull it backwards to activate paint flow. The further back you pull, the more paint will be released.
- **Adjust Air-Paint Ratio:** Use the pressure control valve under the airbrush and the paint control mechanism at the tail to fine-tune the air-paint mixture.
- **Adjust Trigger Sensitivity:** The gold ring in the middle allows you to finely adjust the trigger tightness for desired sensitivity.

EASY TO CONTROL

User friendly for beginners and professional users



Pressure adjust knob



Trigger Tightness adjust knob



Air output adjust knob

Two Types of Airbrush Caps

- Decreases paint build-up on the needle and in the nozzle cap, eliminating spitting.
- The shorter length allows for finer detail work while still protecting the needle.

Crown Nozzle Cap



Round Nozzle Cap

- Provides a protective cover for your needle and prevents it from becoming damaged or bent.



Image: Examples of the airbrush being used for nail art, cake decorating, and toy model painting.

4.2. Advanced Techniques

For detailed instructions on creating various strokes and effects, refer to the official NEOECO YouTube channel linked in the "Support" section.

Your browser does not support the video tag.

Video: Tutorial demonstrating how to create dots, lines, and dashstrokes using an airbrush.

5. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the longevity and optimal performance of your airbrush. The cut-away handle allows for quick flushing and cleaning of air passages.

5.1. Quick Cleaning

1. Empty any remaining paint from the fluid cup.
2. Add a small amount of airbrush cleaner or appropriate solvent to the cup.

3. Spray the cleaner through the airbrush until it runs clear.
4. Block the needle cap with your finger to create backflow, allowing bubbles to clean the inside of the cup and nozzle.

5.2. Deep Cleaning

For thorough cleaning, especially after using thicker paints or if the airbrush is clogged:

1. Disassemble the airbrush components (nozzle, needle, fluid cup, handle).
2. Use the provided cleaning brushes and needles to clean all internal passages and components. The gold reamer can be used for stubborn clogs in the nozzle.
3. Soak components in airbrush cleaner if necessary.
4. Rinse all parts with clean water and allow to dry completely before reassembly.
5. Inspect O-rings for wear and replace if necessary using the included O-ring set.

Nozzle

Nozzle and thimble use advanced stainless steel materials. fine atomization, saving paint, and durable.



Cut-Away handle

The Cut-Away allows the needle to be withdrawn back fully from the nozzle via the needle chuck nut & assists when flushing with cleaner or when clearing blockages.



Image: Close-up view of the airbrush nozzle and the cut-away handle, highlighting features that aid in cleaning and maintenance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No paint flow	Clogged nozzle, paint too thick, needle bent, air pressure too low.	Clean nozzle, thin paint, check needle, increase air pressure.
Splattering/Spitting	Paint too thin, clogged nozzle, damaged needle tip, air cap loose.	Thicken paint, clean nozzle, inspect/replace needle, tighten air cap.
Air bubbles in fluid cup	Loose nozzle, damaged nozzle, clogged air cap.	Tighten nozzle, inspect/replace nozzle, clean air cap.
Inconsistent spray pattern	Partial clog, bent needle, worn O-rings.	Perform deep clean, inspect needle, replace O-rings.

For more detailed troubleshooting guides, please visit the NEOECO online web or YouTube channel.

7. SPECIFICATIONS

- **Model Number:** NCT-SJ81S3-T
- **Product Dimensions:** 5.83 x 0.98 x 2.36 inches
- **Item Weight:** 1.08 pounds
- **Manufacturer:** NEOECO
- **Country of Origin:** China
- **Needle/Nozzle Sizes:** 0.2mm, 0.3mm, 0.5mm
- **Fluid Cup Capacities:** 9cc, 20cc, 40cc

8. WARRANTY



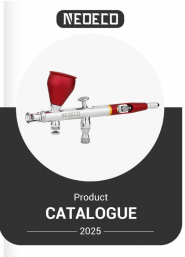

Each NEOECO airbrush kit undergoes rigorous testing by our inspection department to ensure it arrives in good working condition. We stand by the quality of our products.

For any issues or concerns, please contact our customer support. We are committed to providing a quick reply and resolution to any problems you may encounter.

9. SUPPORT

For additional resources, expert advice, and further assistance, please utilize our online resources:

- **Official Website:** www.neoeco-airbrush.com
- **YouTube Channel:** Access our channel for comprehensive airbrushing tutorials, first exercise guides, cleaning guides, accessory introductions, and troubleshooting solutions.
- **Customer Service:** For direct support, please refer to the contact information provided on our official website.

 <p>Instruction Manual</p>	<p>Neoeco Airbrush Compressor Kit: User Manual and Guide</p> <p>Comprehensive guide to the Neoeco Airbrush Compressor Kit, covering setup, operation, maintenance, and troubleshooting for model spraying, painting, and various artistic applications.</p>
 <p>INSTRUCTION MANUAL NEOECO Dual-Action Airbrush NCT-SJ81</p> <p>IMPORTANT: Read before using. www.neoeco-airbrush.com</p>	<p>NEOECO NCT-SJ81 Airbrush Manual</p> <p>Comprehensive manual for the NEOECO NCT-SJ81 Airbrush, detailing its features, operation, maintenance, and troubleshooting. Learn how to use and care for your NEOECO airbrush.</p>
 <p>NEOECO</p> <p>Product CATALOGUE 2025</p>	<p>NEOECO Airbrush and Compressor Catalogue 2025</p> <p>Explore the comprehensive NEOECO 2025 product catalogue featuring a wide range of high-quality airbrushes, mini compressors, kits, and accessories for professional and hobbyist use.</p>
 <p>INSTRUCTION MANUAL NEOECO Dual-Action Airbrush NCT-SJ33</p> <p>IMPORTANT: Read before using. www.neoeco-airbrush.com</p>	<p>NEDECO NCT-SJ33 Dual-Action Airbrush: Instruction Manual & Troubleshooting Guide</p> <p>Comprehensive instruction manual for the NEDECO NCT-SJ33 Dual-Action Airbrush, covering operation, maintenance, troubleshooting, and repair tips for optimal performance.</p>