

Einhell TC-SY 700 S

Einhell TC-SY 700 S Electric Paint Spray Gun User Manual

Model: TC-SY 700 S

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1. INTRODUCTION

The Einhell TC-SY 700 S electric paint spray gun is a semi-stationary system designed for applying lacquers, glazes, and interior wall paints on medium to large work surfaces. This manual provides essential information for safe and efficient operation, setup, maintenance, and troubleshooting of your device.

Please read this manual thoroughly before using the product for the first time and keep it for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Always observe general safety precautions when working with paints and spray paints. Failure to do so may result in serious injury or property damage.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including eye protection (safety goggles), skin protection (gloves and protective clothing), and respiratory protection (mask) to prevent exposure to paint fumes and particles.
- **Ventilation:** Ensure adequate ventilation in the work area to prevent the buildup of hazardous fumes. Work in a well-ventilated space or use an exhaust fan.
- **Flammable Materials:** Do not spray near open flames, pilot lights, or other ignition sources. Many paints and solvents are flammable.
- **Electrical Safety:** Ensure the power cord is in good condition and avoid using the device in wet conditions. Do not operate the spray gun if the power cord is damaged.
- **Children and Bystanders:** Keep children and bystanders away from the work area.
- **Pressure Release:** Always release pressure from the system before cleaning, refilling, or performing any maintenance.
- **Proper Dilution:** Always follow the paint manufacturer's instructions for proper dilution and compatibility with spray guns.

3. PACKAGE CONTENTS

The Einhell TC-SY 700 S electric paint spray gun package includes the following components:

- Einhell TC-SY 700 S Paint Spray System unit
- 3.8-meter air hose
- Shoulder strap
- 2 nozzles for different viscosities (lacquer, glaze, paint)
- Purification brush for cleaning the absorption tube
- Purification needle for cleaning the spray nozzle
- Viscosity measuring cup
- 1000 ml paint container
- Container lid



Image 3.1: Included accessories: two nozzles, cleaning brush, cleaning needle, viscosity cup, and container lid.

4. SETUP

4.1 Preparing the Paint

1. Ensure your paint is suitable for spray application. Refer to the paint manufacturer's instructions.
2. Use the provided viscosity measuring cup to check the paint's viscosity. Dilute the paint with the appropriate solvent (water for water-based paints, thinner for oil-based paints) until it reaches the recommended viscosity for spraying.
3. Pour the prepared paint into the 1000 ml paint container.



Image 4.1: The spray gun is suitable for lacquers, glazes, and interior wall paints.

4.2 Assembling the Spray Gun

1. Attach the spray head to the main unit.
2. Select the appropriate nozzle for your paint type and desired spray pattern.
3. Securely attach the paint container to the spray head.

4. Connect the air hose from the main unit to the spray gun handle. The anti-twist air hose design helps prevent tangles.
5. Attach the shoulder strap to the main unit for comfortable portability during use.



Image 4.2: Exploded view of the spray gun components for assembly and cleaning.



Image 4.3: The shoulder strap provides mobility during operation.

5. OPERATION

5.1 Adjusting Spray Pattern and Flow

1. **Spray Pattern:** The air cap can be adjusted to achieve three different spray patterns: vertical, horizontal, and circular. Rotate the air cap to select the desired pattern.
2. **Paint Flow Regulation:** Use the paint flow regulator knob on the spray gun to precisely adjust the amount of paint being applied. Start with a lower setting and increase as needed.



Image 5.1: Adjust the air cap for vertical, horizontal, or circular spray patterns.



Image 5.2: Rotate the knob to regulate paint flow.

5.2 Spraying Technique

- Hold the spray gun at a consistent distance (typically 15-30 cm) from the surface.
- Move the spray gun in smooth, even strokes, overlapping each pass by about 50%.
- Avoid tilting the spray gun excessively, as this can lead to uneven application or drips.
- Practice on a test surface (e.g., cardboard) to get a feel for the spray pattern and flow before applying to your main project.



Image 5.3: Demonstrating proper spraying technique on a surface.



Image 5.4: The soft-grip handle provides a comfortable and firm hold.

6. MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial to prevent paint residue buildup and ensure the longevity and optimal performance of your spray gun.

1. **Empty Paint Container:** After spraying, empty any remaining paint from the container. If you have excess paint, use the provided lid to seal the container for storage.
2. **Disassemble:** Detach the spray head from the main unit and disassemble all parts that come into contact with paint (nozzle, air cap, paint container, absorption tube).
3. **Clean Components:** Clean all disassembled parts thoroughly with the appropriate cleaning agent (water for water-based paints, solvent for oil-based paints). Use the purification brush for the absorption tube and the purification needle for the spray nozzle to remove any clogs.
4. **Rinse and Dry:** Rinse all parts with clean water and allow them to dry completely before reassembling.
5. **Reassemble:** Reassemble the spray gun, ensuring all parts are correctly fitted.
6. **Store:** Store the spray gun and its accessories in a clean, dry place. The pull-along trolley design allows for

convenient and space-saving storage of the hose.



Image 6.1: The system offers mobility during use and convenient storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No paint spray or weak spray	Nozzle clogged; paint too thick; air hose kinked; paint container empty.	Clean nozzle with purification needle; dilute paint to correct viscosity; check air hose for kinks; refill paint container.
Uneven spray pattern	Nozzle partially clogged; incorrect spray pattern setting; inconsistent spraying distance.	Clean nozzle; adjust air cap for desired pattern; maintain consistent distance and movement.

Problem	Possible Cause	Solution
Paint drips or runs	Too much paint flow; paint too thin; spraying too close to surface.	Reduce paint flow with regulator; check paint viscosity and add thickener if necessary; increase spraying distance.
Motor not starting	Power cord not connected; power outlet faulty; internal fault.	Check power connection; test outlet with another device; contact customer support if problem persists.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Manufacturer	Einhell
Model Number	4260020
Power Input	700 Watts
Voltage	240 Volts
Power Type	Corded Electric
Paint Container Volume	1000 ml
Hose Length	3.5 Meters
Product Dimensions (L x W x H)	38.5 x 25 x 41.8 cm
Item Weight	3.22 Kilograms
Material	Aluminum
Color	Red

9. WARRANTY AND SUPPORT

This Einhell product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including the warranty period and coverage details. Spare parts availability is typically 1 year from the date of purchase.

For technical support, service, or to order spare parts, please contact Einhell customer service through their official website or the contact information provided in your product documentation. When contacting support, please have your model number (TC-SY 700 S) and serial number (if applicable) ready.