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› FURUTECH Compact Spray TM-71 User Manual

## FURUTECH TM-71

# FURUTECH Compact Spray TM-71 User Manual

Model: TM-71

## INTRODUCTION

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This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your FURUTECH Compact Spray TM-71. Please read this manual thoroughly before using the product and keep it for future reference.



Figure 1: The FURUTECH Compact Spray TM-71, a portable electric spray gun with a detachable paint container.

## SAFETY INSTRUCTIONS

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Always follow these safety precautions to prevent injury or damage to the product.

- Ensure the power supply matches the product's specifications (AC100V).
- Do not use flammable or corrosive liquids.
- Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and a respirator when operating.
- Keep the work area well-ventilated.
- Disconnect from power before cleaning or maintenance.
- Keep out of reach of children.

## PRODUCT COMPONENTS

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The Compact Spray TM-71 comes with several components for optimal use and maintenance.



**Figure 2:** Included accessories: paint cup, air cap, spare packing, spare nozzle, wrench, cleaning brush, and bamboo stick for nozzle cleaning.

- **Main Unit:** The spray gun body with motor and power cord.
- **Paint Cup:** Detachable container for paint.
- **Nozzle:** For paint atomization. Includes a spare.
- **Air Cap:** Directs the spray pattern.
- **Wrench:** For nozzle removal and tightening.
- **Cleaning Brush:** For internal cleaning.
- **Bamboo Stick:** For clearing nozzle blockages.

1. **Prepare the Paint:** Ensure your paint is properly thinned according to the paint manufacturer's instructions. The TM-71 is suitable for water-based paints, oil-based paints, and latex. It is not suitable for paints containing hard particles.
2. **Fill the Paint Cup:** Unscrew the paint cup from the main unit. Pour the prepared paint into the cup, ensuring not to overfill. Reattach the paint cup securely.
3. **Adjust the Nozzle:** The spray gun features an adjustable nozzle for different spray patterns. Rotate the air cap to change between horizontal, vertical, and circular spray patterns.



**Figure 3:** The nozzle can be adjusted for different spray patterns by rotating the blue air cap.

4. **Connect Power:** Plug the power cord into a standard AC100V outlet.

## OPERATING INSTRUCTIONS

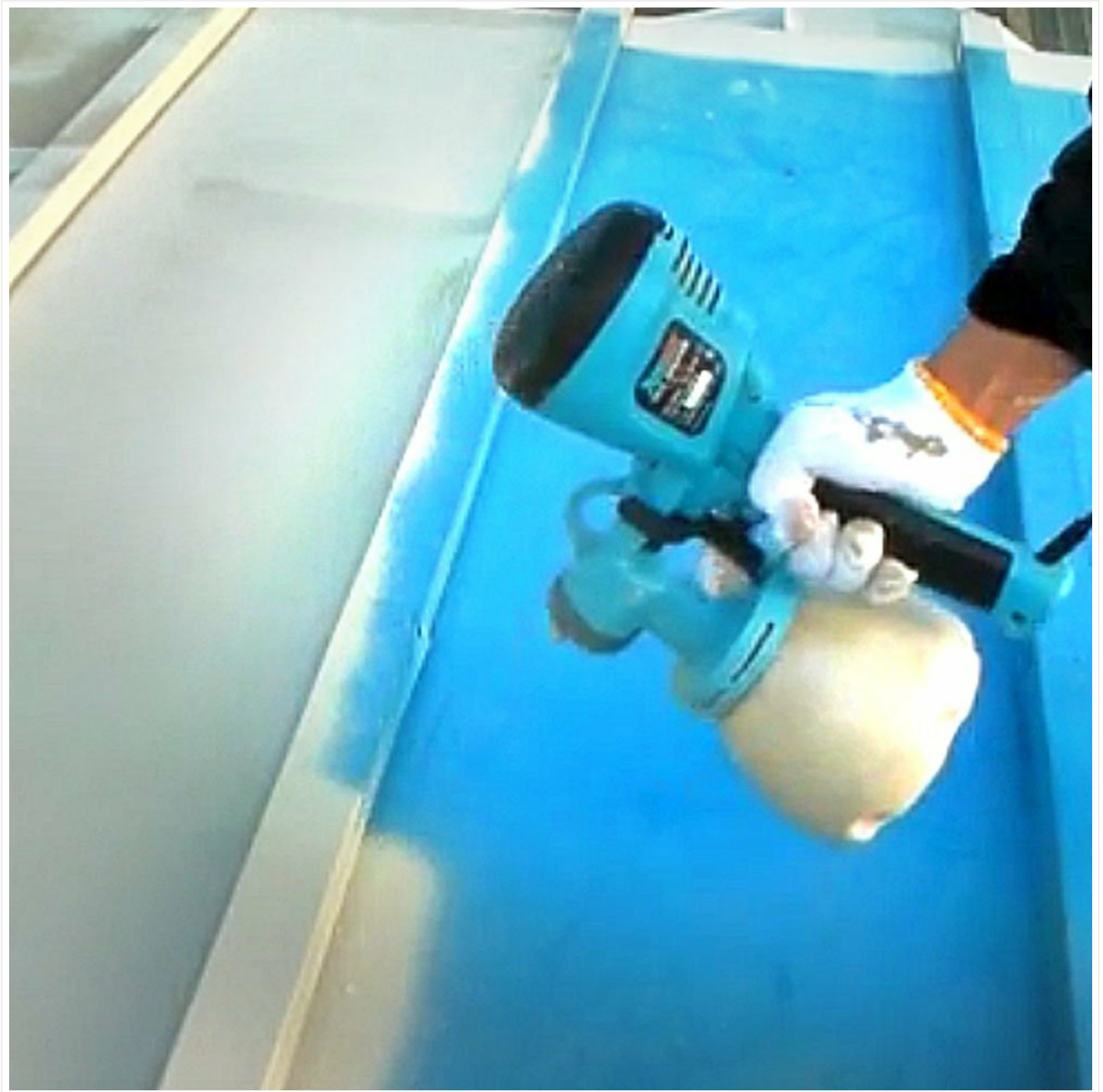
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1. **Power On:** Press the power switch located on the handle to turn on the unit.
2. **Adjust Flow Rate:** Use the flow control knob (often a dial or slider near the trigger) to adjust the paint flow rate. Turn towards '+' for more paint, and '-' for less.



Figure 4: The flow control dial allows precise adjustment of the paint output.

3. **Test Spray:** Before applying to your project, test the spray pattern and flow on a piece of scrap material. Adjust as necessary.
4. **Spraying Technique:**
  - Hold the spray gun perpendicular to the surface, approximately 15-30 cm (6-12 inches) away.
  - Move the gun at a consistent speed, overlapping each pass by about 50%.
  - Release the trigger at the end of each pass to avoid paint buildup.



**Figure 5:** Demonstrating proper spraying technique for even coverage.

## MAINTENANCE AND CLEANING

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Proper cleaning after each use is crucial for the longevity and performance of your spray gun.

1. **Disconnect Power:** Always unplug the unit from the power outlet before cleaning.
2. **Empty Paint Cup:** Remove any remaining paint from the cup. Clean the cup thoroughly with an appropriate cleaning solution (water for water-based paints, solvent for oil-based paints).
3. **Clean Nozzle and Air Cap:** Disassemble the nozzle and air cap. Use the provided cleaning brush and bamboo stick to remove any paint residue. Ensure all holes are clear.
4. **Run Cleaning Solution:** Pour a small amount of cleaning solution into the paint cup and reattach it. Spray the solution through the gun until it runs clear.
5. **Wipe Down:** Wipe the exterior of the spray gun with a damp cloth.
6. **Storage:** Store the clean and dry spray gun in a cool, dry place.

## TROUBLESHOOTING

| Problem                | Possible Cause   | Solution  |
|------------------------|--|---|
| No spray or weak spray | Clogged nozzle; paint too thick; empty paint cup; air leaks.       | Clean nozzle; thin paint; refill cup; check connections.              |
| Uneven spray pattern   | Dirty air cap; incorrect nozzle adjustment; inconsistent movement. | Clean air cap; adjust nozzle; maintain consistent spraying technique. |
| Paint dripping         | Nozzle loose; paint too thin; excessive flow rate.                 | Tighten nozzle; adjust paint consistency; reduce flow rate.           |
| Motor not starting     | No power; faulty switch.   | Check power connection; contact support if switch is faulty.          |

## SPECIFICATIONS

| Feature                 | Detail                        |
|-------------------------|-------------------------------|
| Model                   | TM-71                         |
| Brand                   | FURUTECH                      |
| Power Supply            | AC100V                        |
| Rated Power Consumption | 320W - 450W                   |
| Rated Frequency         | 50/60Hz                       |
| Cord Length             | 2.4m                          |
| Weight                  | 1.1 kg                        |
| Recommended Use         | Indoor                        |
| Suitable Paints         | Water-based, Oil-based, Latex |
| Unsuitable Paints       | Paints with hard particles    |



Figure 6: Detailed specifications as listed on the product label.

## WARRANTY INFORMATION

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Specific warranty details are typically provided with the product packaging or on the manufacturer's official website. Please refer to the documentation included with your purchase for comprehensive warranty terms and conditions. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, spare parts, or any inquiries not covered in this manual, please contact FURUTECH customer support. Contact information can usually be found on the product packaging or the official FURUTECH website.

**Manufacturer:** FURUTECH Co., Ltd.

*Note: Always refer to the latest information available from the manufacturer.*



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