

Tosima X1

Tosima X1 Robotic Window Cleaner Instruction Manual

Model: X1

1. INTRODUCTION

Thank you for choosing the Tosima X1 Robotic Window Cleaner. This device is designed to simplify window cleaning with its advanced features, including dual ultrasonic spray nozzles and intelligent path planning. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the device:

- Ensure the safety rope is securely fastened to a stable object before operating the robot, especially on high or outdoor windows.
- Operate the device only within the recommended temperature range of 0°C to 40°C (32°F to 104°F).
- Do not use concentrated detergents in the water tank as they may clog the nozzles. Use distilled water or a mild, diluted window cleaning solution sprayed directly onto the glass.
- The integrated battery provides emergency power for approximately 25 minutes in case of a power outage, allowing safe retrieval of the robot.
- Keep hands and loose clothing away from moving parts during operation.
- Do not use the robot on cracked or damaged glass surfaces.
- Always turn off and unplug the device before cleaning or maintenance.



**Potenza rotante bidirezionale
per un'efficace rimozione delle macchie**

Image: Multi-level protection features, including the safety rope and emergency battery backup.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Tosima X1 Robotic Window Cleaner
- Remote Control (batteries included)
- Power Adapter and Cable (approx. 4m length)
- Safety Rope with Carabiner
- Cleaning Pads (4 pieces)
- Water Filling Bottle
- Nozzle Cleaning Swabs (2 pieces)
- Instruction Manual

4. SETUP

1. **Attach Cleaning Pads:** Securely attach the microfibre cleaning pads to the rotating discs on the underside of the robot.
2. **Fill Water Tank:** Open the water tank cap and fill the 85 ml tank with distilled water using the provided filling bottle. The transparent window allows you to monitor the water level.



Image: The dual nozzle system and the 85 ml water tank with a visible level indicator.

3. **Connect Power:** Plug the power adapter into an electrical outlet and connect the cable to the robot. Ensure the connection is secure.
4. **Attach Safety Rope:** Fasten the safety rope's carabiner to a sturdy anchor point, such as a radiator or heavy furniture, to prevent the robot from falling.

5. OPERATING INSTRUCTIONS

1. **Placement:** Place the robot on the center of the window surface. Press and hold the power button on the robot until the suction motor activates and the robot adheres firmly to the glass.
2. **Start Cleaning:** Briefly press the power button again or use the remote control to start the cleaning cycle. The robot will

automatically plan its path (e.g., S-path from top to bottom) and begin cleaning.



Image: Illustration of the robot's intelligent cleaning paths: Z-path, left/right area cleaning, and intensive spot cleaning.

3. **Remote Control Functions:** Use the remote control to:

- Manually adjust the cleaning direction.
- Activate or deactivate the ultrasonic spray.
- Select different cleaning modes (e.g., double pass for heavily soiled windows).

4. **Completion:** The robot will emit an audible signal when the cleaning cycle is complete. It will remain attached to the window via suction.

5. **Retrieval:** Turn off the robot by pressing the power button until the suction releases. Carefully remove the robot from the window.

The Tosima X1 is suitable for various smooth surfaces, including full-height windows, smaller windows (minimum 30x30 cm), glass shower panels, mirrors, inclined windows, and tiles.



Image: The Tosima X1 is adaptable for cleaning various smooth surfaces.

6. MAINTENANCE

- **Cleaning Pads:** Remove and wash the microfibre cleaning pads after each use. They are reusable.
- **Water Tank:** Empty any remaining water from the tank after use to prevent residue buildup.
- **Nozzles:** If the spray nozzles become clogged or do not nebulize correctly, use the provided cleaning swabs to gently clear them.
- **Robot Body:** Wipe the robot's exterior with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Robot does not adhere to the window.	Power not connected; suction motor not activated; surface too dirty or uneven.	Ensure power is connected and the power button is pressed until suction activates. Clean the surface if excessively dirty.
Robot leaves streaks.	Pads are dirty; too much water/detergent; surface too dirty initially.	Replace or clean pads. Reduce water spray or use a double pass (first with spray, second dry). Pre-clean very dirty windows.
No water spray.	Water tank empty; nozzles clogged.	Refill water tank. Clean nozzles with provided swabs.
Robot stops unexpectedly.	Power disconnected; emergency battery low.	Check power connection. The emergency battery will keep it attached for a period; retrieve it safely.

8. SPECIFICATIONS

- Model Name:** X1
- Brand:** Tosima
- Recommended Surfaces:** Glass
- Special Features:** Continuous suction, Lightweight, Portable, Edge cleaning, Wet and dry cleaning
- Color:** Black
- Cleaning Path Width:** 13.9 cm
- Battery Cell Composition:** Lithium Polymer
- Voltage:** 24 Volts
- Water Tank Capacity:** 85 ml
- Power Source:** Corded Electric
- Batteries Included:** Yes
- Control Method:** Remote
- Indoor/Outdoor Use:** Indoor
- Noise Level:** 60 Decibels
- Recommended Product Uses:** Cleaning windows, verandas, and ceilings
- Item Dimensions (L x W x H):** 16.2L x 15W x 30.5H cm
- Item Weight:** 2 Kilograms
- GTIN:** 765015971645
- ASIN:** B0GYXXNDM2

9. WARRANTY AND SUPPORT

The Tosima X1 Robotic Window Cleaner comes with a **2-year manufacturer's warranty**. For technical support, warranty claims, or further assistance, please contact Tosima customer service through your purchase platform or the official Tosima website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question