

## SILCA AM-AC-057-ASY-0100

# SILCA Bicycle Chain Wax Melting System Instruction Manual

Model: AM-AC-057-ASY-0100

## 1. IMPORTANT SAFETY INFORMATION

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Please read all safety instructions before operating the SILCA Bicycle Chain Wax Melting System. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the unit is connected to a grounded power outlet. Do not operate with a damaged power cord or plug. Keep the unit away from water or other liquids.
- **Hot Surfaces:** The melting pot and wax will become very hot during operation. Always use caution and avoid direct contact with hot surfaces. Use heat-resistant gloves if necessary.
- **Hot Wax:** Molten wax can cause severe burns. Do not touch hot wax. Keep children and pets away from the unit during operation and cooling.
- **Ventilation:** Operate the unit in a well-ventilated area to prevent the buildup of wax fumes.
- **Stability:** Place the unit on a stable, level, and heat-resistant surface.
- **Intended Use:** This device is designed exclusively for melting bicycle chain wax. Do not use it for other purposes.

## 2. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 600 gram pot
- Clear vented lid
- Cooling rack

# SIMPLE, MESS-FREE DESIGN



Avoid mess and **capture excess wax** by hanging the chain above the pot

Compact **all-in-one** design takes up less counter space

**600 ml** melting pot perfectly holds one full length bike chain

Image: The SILCA Bicycle Chain Wax Melting System, showing its compact design, 9-inch width, 14-inch height, and integrated cooling rack.

## 3. PRODUCT OVERVIEW

The SILCA Bicycle Chain Wax Melting System is designed for efficient and mess-free bicycle chain waxing. It features a 600ml capacity pot, precise temperature control, and an integrated cooling rack for convenient operation.



Founded in Italy in 1917, our passion for cycling is at the heart of all that we do. Silca combines Italian heritage and American innovation to deliver the absolute best cycling experience.

**SILCA**



Image: Overview of the SILCA Chain Waxing System, highlighting the melting pot, clear vented lid, integrated cooling rack, and digital temperature display for precise control.

## 4. SETUP

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1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Position the melting system on a stable, level, and heat-resistant surface in a well-ventilated area. Ensure there is sufficient space around the unit for safe operation and cooling.
3. **Power Connection:** Plug the power cord into a standard electrical outlet. The unit's display should illuminate.
4. **Initial Cleaning:** Before first use, wipe the inside of the pot with a clean, damp cloth to remove any manufacturing residue. Ensure the pot is completely dry before adding wax.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Chain Preparation

Proper chain preparation is crucial for effective wax adhesion and performance.

- **New Chains:** For new chains, it is recommended to remove factory grease. Immerse the chain in a suitable chain stripper (e.g., Silca Chain Stripper) in a glass jar, following the stripper's instructions. Rinse thoroughly and dry completely.
- **Used Chains:** For used chains, clean thoroughly to remove all old lubricant and grime. If using a Silca StripChip (sold separately), you can proceed directly to step 5.2, as the StripChip aids in cleaning during the melting process.



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## CHAIN WAXING SYSTEM

All-in-one system purpose-built for immersive waxing of bicycle chains, creating a simple and **mess-free** experience to deliver your smoothest ride.

Wax and chain sold separately.

Image: A bicycle chain fully submerged in molten wax inside the SILCA Chain Wax Melting System pot, ready for agitation.

### 5.2 Wax Melting

1. **Add Wax:** Place your preferred chain wax (and any additives like Silca SpeedChip or EnduranceChip, if applicable) into the 600ml pot.
2. **Set Temperature:** Use the touch controls to set the desired temperature. For an already stripped chain, set to 75°C. If using a StripChip for cleaning, set to 125°C initially. The precise temperature control ensures optimal wax consistency.
3. **Melt Wax:** Place the clear vented lid on the pot. The system will quickly heat the wax to the set temperature. Monitor the melting process through the clear lid.



Image: Close-up view of wax pellets inside the SILCA melting pot, illustrating the melting process.

## 5.3 Waxing Process

1. **Submerge Chain:** Once the wax is fully molten and at the correct temperature, carefully lower the prepared chain into the pot using the included cable coupler.
2. **Agitate:** Gently agitate the chain in the molten wax for approximately 10 minutes to ensure thorough penetration into all chain links. If using a StripChip, reduce the temperature to 75°C after 10 minutes and continue agitation for another 10-15 minutes.
3. **Lift and Hang:** Using the cable coupler, carefully lift the chain out of the pot. Hang the chain on the integrated cooling rack, allowing excess wax to drip back into the pot for reuse. This minimizes mess and conserves wax.



Image: Visual guide demonstrating the step-by-step process of chain waxing, including immersion, agitation, and hanging on the cooling rack.

## 5.4 Post-Waxing

Allow the chain to cool completely on the cooling rack. Once cooled, the wax will harden. Gently flex the chain to break up any excess wax that may have solidified between the links. The chain is now ready for re-installation on your bicycle.

Your browser does not support the video tag.

Video: A brief demonstration of the SILCA Chain Wax Melting System in use, showing the process of waxing a bicycle chain.

Your browser does not support the video tag.

Video: A detailed demonstration of the SILCA Chain Wax Melting System, covering various aspects of chain preparation and waxing.

## 6. MAINTENANCE

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- **Cleaning the Pot:** After use, allow the wax to cool and solidify. The hardened wax can typically be removed as a solid block. Wipe the interior of the pot with a clean, dry cloth. Do not use abrasive cleaners or immerse the electrical base in water.
- **Wax Reuse:** The wax can be reused multiple times. A full pot can re-wax 50+ chains. If using StripChips, replace the wax after approximately 6 StripChips have been used in the pot.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and moisture.

## 7. TROUBLESHOOTING

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- **Unit Not Turning On:** Ensure the power cord is securely plugged into both the unit and a working electrical outlet. Check the power switch.
- **Wax Not Melting:** Verify that the temperature is set correctly (75-125°C). Ensure the lid is properly placed to retain heat. Allow sufficient time for the wax to melt.

- **Inconsistent Wax Coating:** Ensure the chain is thoroughly cleaned and dry before waxing. Agitate the chain sufficiently in the molten wax to allow for proper penetration.
- **Excessive Dripping:** Ensure the chain is hung on the cooling rack immediately after removal from the pot, allowing excess wax to drip back into the pot.

## 8. SPECIFICATIONS

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<b>Brand</b>	SILCA
<b>Model Number</b>	AM-AC-057-ASY-0100
<b>Liquid Volume</b>	600 Milliliters
<b>Item Weight</b>	3 Pounds (approx. 1.36 kg)
<b>Lower Temperature Rating</b>	75 Degrees Celsius
<b>Upper Temperature Rating</b>	125 Degrees Celsius (Operating Range) / 250 Degrees Fahrenheit (Flash Point)
<b>Included Components</b>	600 gram pot, clear vented lid, cooling rack
<b>UPC / GTIN</b>	810093162642

## 9. CUSTOMER SUPPORT

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For technical assistance, warranty information, or to purchase accessories, please visit the official SILCA website or contact SILCA customer support directly. Refer to your product packaging or the SILCA website for the most current contact details.