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Sondiko S529

Sondiko DUAL Style Flame Butane Torch Lighter (Model S529) Instruction Manual

Model: S529 | Brand: Sondiko

1. Introduction

Thank you for choosing the Sondiko DUAL Style Flame Butane Torch Lighter. This versatile tool is designed for various applications, including culinary tasks like caramelizing sugar, searing meats, and roasting vegetables, as well as for hobbies, arts and crafts, jewelry making, and lighting. This manual provides essential information for safe and effective use, setup, operation, maintenance, and troubleshooting.



Image 1: Sondiko DUAL Style Flame Butane Torch Lighter.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in injury or property damage.

- Keep out of reach of children.
- Butane gas is not included with this product. Use only high-quality butane gas for refilling.
- Do not point the torch at yourself, other people, or flammable objects.
- Do not use the torch for more than 5 minutes continuously to prevent overheating and potential damage.
- Do not disassemble the torch. If problems occur, seek professional assistance.
- Ensure adequate ventilation when using the torch.
- Avoid exposing the torch to direct sunlight or temperatures exceeding 120°F (49°C).
- The flame temperature can reach up to 1300°C (2372°F). Handle with extreme care.

3. Product Overview and Features

The Sondiko DUAL Style Flame Butane Torch Lighter is constructed from durable aluminum, metal, and plastic, offering a robust and ergonomic design. It features a dual-mode flame, adjustable flame size, and a continuous flame lock for

convenience.

Key Features:

- **Dual Style Flame:** Easily switch between a concentrated hard flame for maximum temperature and a dispersed soft flame for broader applications.
- **Adjustable Flame:** A temperature regulator allows for precise control over flame intensity.
- **Continuous Flame Lock:** Engage the safety lock to maintain a continuous flame without holding the ignition button.
- **Piezo Ignition Technology:** Ensures reliable and quick ignition.
- **Universal Butane Compatibility:** Designed to fit various butane gas tank nozzles, including long and short nozzles with the included red adapter.



Image 2: Labeled components of the Sondiko Butane Torch Lighter.



Image 3: Illustration of the Dual Flame Modes.

4. Setup: Refilling Butane Gas

The torch is shipped without butane gas. Please follow these steps carefully to refill the torch:

1. Ensure the torch is turned off and cooled down.
2. Locate the fuel filling port at the bottom of the torch.
3. Before refilling, use a small tool (like the red inflation tool provided) to gently press the filling valve to release any residual gas and pressure from the torch. This step is crucial for proper refilling and preventing flame issues.
4. If using a butane gas tank with a short nozzle, attach the red adapter included in the box to the butane can's nozzle. For long nozzle tanks, the adapter may not be necessary.
5. Invert the butane gas can and firmly press its nozzle (with or without adapter) into the torch's filling port. Hold for 5-10 seconds until the torch is full. You may hear a hissing sound, which is normal.
6. After refilling, allow the torch to rest for 5-10 minutes to allow the gas to stabilize and reach room temperature.

This helps ensure proper ignition and flame stability.



Image 4: Location of the Fuel Filling Port.



Image 5: Red inflation tool and adapters for butane refilling.

Your browser does not support the video tag.

Video 1: Demonstrates releasing gas and refilling the torch (from "Frequently Asked Questions" by Sondiko USA).

5. Operating Instructions

5.1. Ignition

1. Ensure the torch is adequately filled with butane gas.
2. Slide the safety lock to the 'unlock' position (if applicable).
3. Press the ignition button to light the flame. The Piezo Ignition Technology will create a spark to ignite the butane.

5.2. Adjusting Flame Size

Use the flame adjustment knob (gas throttle) located on the side of the torch to increase or decrease the flame size. Turn towards '+' for a larger flame and towards '-' for a smaller flame.



Image 6: Flame adjustment control.

5.3. Continuous Flame Lock

For continuous operation without holding the ignition button:

1. Ignite the torch as described above.
2. While the flame is active, turn the safety lock clockwise to engage the continuous flame mode.
3. To turn off the continuous flame, turn the safety lock counter-clockwise and release the ignition button.



Image 7: Continuous flame lock mechanism.

5.4. Dual Flame Style Selection

The torch offers two distinct flame styles: a concentrated hard flame and a dispersed soft flame. Use the flame mode adjustment button to switch between these modes based on your application needs.



Image 8: Pure Copper Ignition Core Design, contributing to flame stability.

5.5. Application Examples

- **Culinary:** Ideal for caramelizing sugar on crème brûlée, searing meats, roasting vegetables, and melting cheese.
- **Crafts & Hobbies:** Useful for jewelry making, soldering, and various DIY projects.
- **Household:** Can be used for lighting fireplaces, candles, or cigars.



Image 9: Torch in use for crème brûlée.



Image 10: Torch in use for soldering.

6. Maintenance

- Regularly inspect the torch for any signs of damage or leaks.
- Keep the torch clean and free from debris, especially around the nozzle and ignition area.
- Store the torch in a cool, dry place, away from direct sunlight and heat sources, and out of reach of children.
- Ensure the torch is completely empty of butane before long-term storage.

7. Troubleshooting

Common Issues and Solutions:

- **Torch does not ignite or flame is weak/unstable:**
    - Check butane level. Refill if necessary, ensuring to release residual gas before refilling and allowing 5-10

minutes for stabilization after refilling.
    - Ensure the flame adjustment knob is not set to the minimum.
    - Verify the ignition mechanism is clean and unobstructed.
- **Flame is too large or yellow:**
    - Adjust the flame size using the regulator.
    - Ensure the flame style is set correctly for your desired application. A yellow flame may indicate insufficient air mixture; adjust the flame mode.
- **Gas leaks during refilling:**
    - Ensure the butane can nozzle is properly aligned and firmly pressed into the filling port.
    - Use the correct adapter for your butane can.

If the torch cannot be lit, do not attempt to use other igniters to light it. This can be dangerous. If problems persist after following these steps, do not attempt to disassemble the torch yourself. Always ask a professional to inspect or repair it.

Your browser does not support the video tag.

Video 2: Demonstrates refilling and operation, including flame adjustment (from "Butane Torch Lighter" by caomuus).

8. Specifications

Feature	Detail
Model Number	S529
Brand	Sondiko
Color	Silver & Black
Material	Aluminum, Metal, Plastic
Item Weight	9.9 Ounces
Product Dimensions	6.5"L x 5.6"W x 1.7"H
Maximum Temperature	2372°F (1300°C)
Power Source	Butane (not included)
Included Components	Torch, Instruction Manual, Red inflatable accessories

9. Warranty and Support

This Sondiko Butane Torch Lighter comes with a **1-Year Manufacturer Warranty**. For warranty claims, technical support, or any product-related inquiries, please refer to the contact information provided in the packaging or visit the official Sondiko website.
You can also visit the Sondiko Store on Amazon for additional product information and support resources.

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