

Dremel 2000-7

Dremel VersaTip 2000-7 Precision Butane Torch User Manual

Model: 2000-7

1. INTRODUCTION

The Dremel VersaTip 2000-7 is a versatile, cordless butane-powered tool designed for precision work across various applications. This manual provides essential information for the safe and effective operation, maintenance, and care of your VersaTip.

2. SAFETY INFORMATION

Read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in serious injury or property damage.

- **Flammable Gas:** This tool uses butane gas, which is highly flammable. Use in a well-ventilated area, away from open flames, sparks, and heat sources.
- **Hot Surfaces:** The tip and surrounding metal parts become extremely hot during operation and remain hot after use. Avoid contact with skin and flammable materials. Allow the tool to cool completely before handling or storing.
- **Children and Pets:** Keep the tool out of reach of children and pets.
- **Eye Protection:** Always wear appropriate eye protection when operating the tool.
- **Accidental Ignition:** The tool features an integrated ignition and a safety lock to prevent accidental activation. Ensure the safety lock is engaged when not in use.
- **Butane Gas Not Included:** Butane gas is not supplied with this product. Use only high-quality butane gas for refilling.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 Dremel VersaTip Butane Torch
- 1 Soldering Tip

- 1 Cutting Knife
- 1 Hot Knife
- 1 Hot Blower Head
- 1 Reflector
- 1 Soldering Sponge + Sponge Box
- 1 Soldering Tin with Blue Cap
- Instruction Manual



Image: The Dremel VersaTip 2000-7 and its included accessories neatly arranged in its packaging.

4. PRODUCT FEATURES

The Dremel VersaTip 2000-7 offers several features for enhanced usability and precision:

- **Cordless Convenience:** Operates on butane gas, providing portability and freedom from power cords.
- **Variable Temperature Control:** Allows precise adjustment of heat output for different applications.
- **Flame Lock:** Enables continuous operation without holding the ignition trigger.
- **Integrated Ignition:** For quick and reliable startup.
- **Safety Lock:** Prevents accidental ignition when not in use.
- **Seven Accessories:** Supports six different applications: soldering, pyrography, hot cutting, heat embossing, paint removal, and welding.



Image: A detailed view of the Dremel VersaTip 2000-7, highlighting its key components such as the ignition trigger with safety lock, flame control, flame lock, and interchangeable tips.

5. SETUP

5.1 Butane Refilling

1. Ensure the tool is completely cool and the flame control is set to the 'OFF' position.
2. Hold the tool upside down.
3. Insert the nozzle of a high-quality butane gas canister into the filling valve at the base of the tool.
4. Press firmly for approximately 10-15 seconds. A slight hiss indicates the tank is filling. Do not overfill.
5. Wait a few minutes after refilling for the gas to stabilize before ignition.

Note: Butane gas is not included with the tool.

5.2 Attaching Accessories

1. Ensure the tool is cool and turned off.

2. Select the desired accessory tip for your application.
3. Carefully screw or push the accessory onto the metal shaft at the front of the tool until it is secure. Do not overtighten.
4. Always ensure the tip is properly seated before ignition.

6. OPERATING INSTRUCTIONS

6.1 Ignition

1. Ensure the tool is filled with butane and an appropriate tip is attached.
2. Slide the safety lock to the 'UNLOCKED' position.
3. Press and hold the ignition trigger. You should hear a click and see a flame.
4. Release the trigger once the flame is established.

6.2 Flame Control

Rotate the flame control dial to adjust the flame size and temperature according to your application needs. Turn clockwise for a larger flame and higher temperature, counter-clockwise for a smaller flame and lower temperature.

6.3 Flame Lock

For continuous operation, press the ignition trigger and then slide the flame lock button forward. This will keep the flame active without needing to hold the trigger. To turn off, slide the flame lock button back and then turn the flame control dial to 'OFF'.

6.4 Applications

The VersaTip 2000-7 is suitable for:

- **Soldering:** Use the soldering tip for electrical connections and small metal work.
- **Pyrography (Woodburning):** Attach the pyrography tips for detailed designs on wood or leather.
- **Hot Cutting:** Use the hot knife for cutting and sealing synthetic ropes or fabrics.
- **Heat Embossing:** Apply heat to embossing powders for decorative crafts.
- **Paint Removal:** Use the hot blower head to soften paint for easier removal.
- **Welding:** For small-scale welding tasks with appropriate materials.

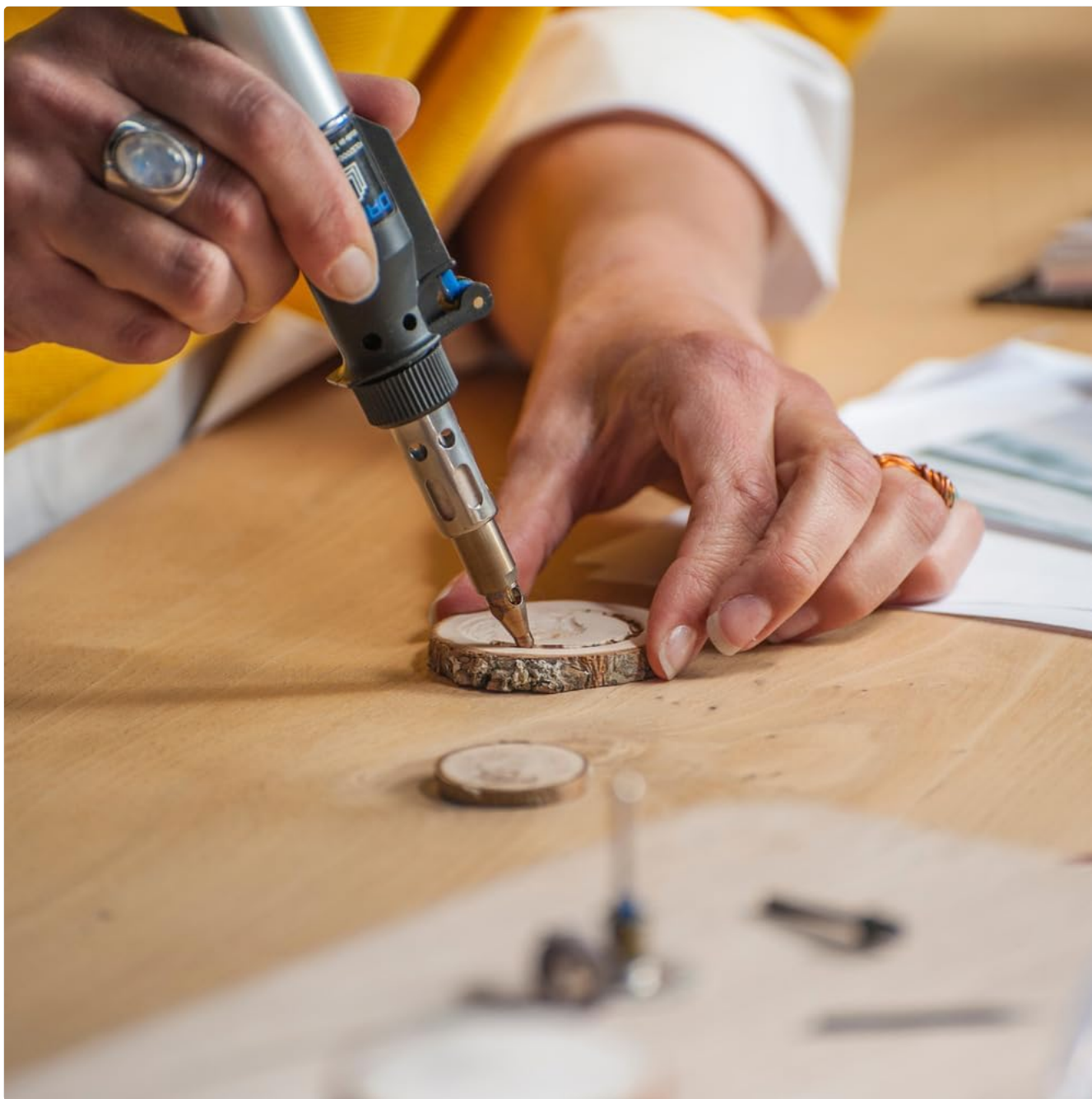


Image: A Dremel VersaTip 2000-7 being used to create intricate designs on a small wooden disc, demonstrating its pyrography capability.



Image: The Dremel VersaTip 2000-7 applying heat to rhinestones on a white fabric, illustrating its use for heat embossing applications.

7. MAINTENANCE

7.1 Cleaning

- Ensure the tool is completely cool before cleaning.
- Use a soft cloth to wipe down the body of the tool.
- Clean accessory tips as needed. For soldering tips, use the included soldering sponge.
- Do not use abrasive cleaners or solvents.

7.2 Storage

Store the Dremel VersaTip 2000-7 in a cool, dry place, away from direct sunlight and heat sources. Ensure the safety lock is engaged and the flame control is set to 'OFF'. Keep all accessories organized to prevent loss.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not ignite	Low or empty butane tank Safety lock engaged Ignition port blocked	Refill with butane gas Disengage safety lock Ensure ignition trigger is fully pressed; clean ignition port if necessary
Inconsistent or weak flame	Low butane level Tip or nozzle partially blocked Improper flame control setting	Refill with butane gas Clean the tip and ensure no debris is blocking the nozzle Adjust the flame control dial
Tool runs out of gas quickly	High flame setting Frequent or prolonged use Incomplete refilling	Use a lower flame setting when possible Refill as needed; consider refilling before critical tasks as there is no visible fuel gauge Ensure complete refilling by pressing firmly for 10-15 seconds

9. SPECIFICATIONS

Feature	Detail
Model Number	2000-7
Brand	Dremel
Power Source	Butane
Upper Temperature Rating	250 °C (approximate, varies with tip and setting)
Item Weight	12.32 ounces
Special Features	Lightweight, Portable, Wireless, Variable Temperature Control, Flame Lock, Integrated Ignition, Safety Lock
GTIN / UPC	000346820812

10. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Dremel website or contact Dremel customer service. Keep your purchase receipt as proof of purchase.

Online Support: www.dremel.com

