

VONROC CT501AC

VONROC 160W Rotary Multifunction Tool User Manual

Model: CT501AC

INTRODUCTION

This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your VONROC 160W Rotary Multifunction Tool. Please read this manual thoroughly before first use and keep it for future reference.

The VONROC CT501AC is a versatile rotary tool designed for various tasks such as grinding, cutting, polishing, drilling, and engraving. It comes with a comprehensive set of 232 accessories and features a flexible shaft for precision work and reduced vibration.

SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection.
- Ensure the work area is well-lit and free from obstructions.
- Keep children and bystanders away while operating the tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always unplug the tool from the power source before changing accessories or performing maintenance.
- Do not force the tool; let the tool do the work at the appropriate speed.
- Inspect the tool and accessories for damage before each use.

PACKAGE CONTENTS

Verify that all items are present in the package:

- VONROC 160W Rotary Multifunction Tool
- Flexible Shaft attachment
- Adjustable height and swivel hanging hook
- 232-piece accessory kit

- Storage bag
- User Manual



Image: The VONROC 160W Rotary Multifunction Tool along with its extensive 232-piece accessory kit, including various grinding stones, cutting discs, sanding bands, polishing felts, and drill bits, all neatly organized.

SETUP

Attaching Accessories

1. Ensure the tool is unplugged from the power outlet.
2. Press and hold the spindle lock button located on the front of the tool.
3. Unscrew the collet nut.
4. Insert the desired accessory shank into the collet. Ensure the shank is fully seated.
5. Tighten the collet nut firmly using the provided wrench, while still holding the spindle lock button.
6. Release the spindle lock button.

Using the Flexible Shaft

The flexible shaft provides enhanced precision and reduced hand vibration for detailed work.

1. Unplug the tool.
2. Unscrew the collet nut and remove the collet from the main tool.
3. Screw the flexible shaft coupling onto the main tool's spindle until secure.
4. Insert the desired accessory into the collet of the flexible shaft handpiece.
5. Tighten the flexible shaft collet nut using the small wrench provided.

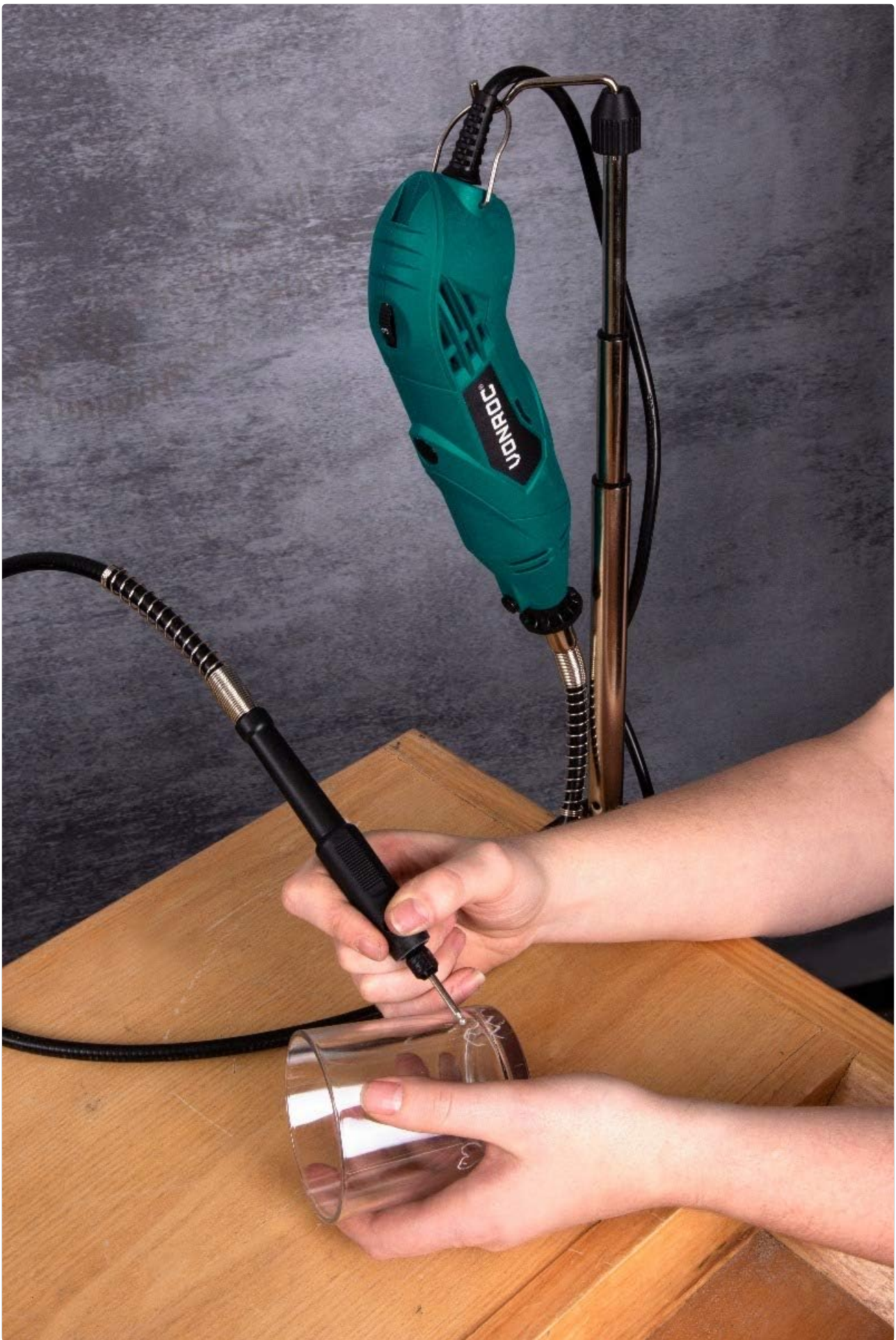


Image: A user demonstrating the VONROC Rotary Tool with the flexible shaft attachment, performing detailed engraving work on a glass object. The main tool is suspended from a stand, allowing for greater maneuverability of the lightweight handpiece.

OPERATING INSTRUCTIONS

Powering On/Off and Speed Control

- Plug the tool into a suitable power outlet (230 Volts).
- To turn on, slide the ON/OFF switch to the "ON" position.
- Adjust the rotational speed using the continuously adjustable speed dial. Start at a lower speed and gradually increase as needed for the task and material. The maximum speed is 35,000 RPM.
- To turn off, slide the ON/OFF switch to the "OFF" position.

General Operation Tips

- Apply light pressure. Excessive pressure can cause the tool to stall, overheat, or damage the workpiece.
- Allow the tool to reach full speed before contacting the workpiece.
- For cutting or grinding, use a steady, controlled motion.
- When using the flexible shaft, ensure it is not kinked or bent at sharp angles during operation.



Image: The VONROC Rotary Tool in active use, demonstrating a cutting application on a metal surface. Sparks are visible, indicating the tool's effectiveness in abrasive tasks. The user is wearing appropriate safety gear.

MAINTENANCE

Cleaning

- Always unplug the tool before cleaning.
- Use a soft, damp cloth to wipe down the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- Periodically clear dust and debris from the ventilation openings to prevent overheating. Use compressed air if necessary.
- Clean accessories after each use to maintain their effectiveness and prolong their lifespan.

Storage

- Store the tool and accessories in a dry, secure place, out of reach of children.
- Use the provided storage bag or a suitable case to protect the tool and accessories from damage.



Image: A clear plastic storage box, part of the VONROC accessory kit, showcasing a variety of rotary tool bits and attachments. This image highlights the organized storage solution for the 232 accessories.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; ON/OFF switch not engaged	Check power cord and outlet; ensure switch is in "ON" position
Tool loses power or stalls	Overload; clogged ventilation; worn carbon brushes (less likely for new tool)	Reduce pressure; clear ventilation openings; contact service if persistent
Excessive vibration	Accessory not properly seated or bent; damaged flexible shaft	Re-seat or replace accessory; inspect flexible shaft for damage
Accessory slips	Collet nut not tight enough; incorrect collet size	Tighten collet nut firmly; ensure correct collet for accessory shank size

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	CT501AC
Power Input	160 W
Voltage	230 Volts
Max. No-Load Speed	35,000 RPM
Weight	0.6 kg (tool only) / 1.56 kg (packaged)
Dimensions (L x W x H)	13 x 19 x 31 cm
Special Features	Flexible shaft, adjustable speed, hanging hook
Included Accessories	232-piece accessory kit

WARRANTY AND SUPPORT

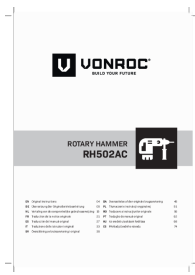
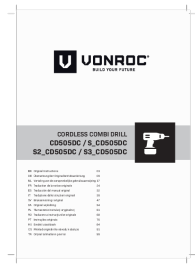
VONROC products are designed and manufactured to high quality standards. For warranty information, technical support, or spare parts, please contact VONROC customer service directly. Refer to the contact details provided on the product packaging or the official VONROC website.

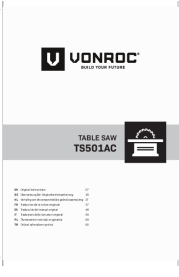
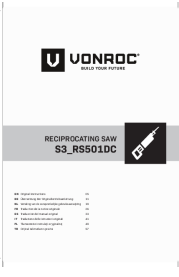
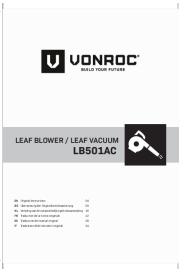
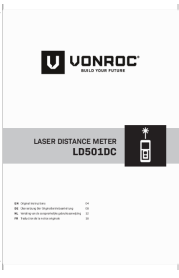
Manufacturer: VONROC

Website: www.vonroc.com

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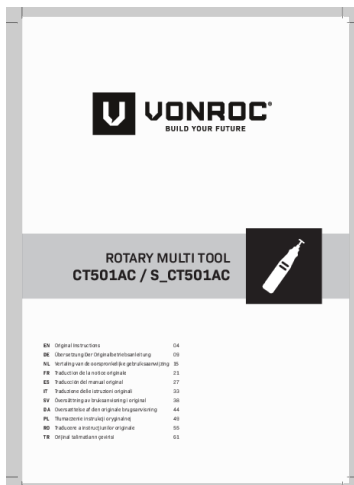


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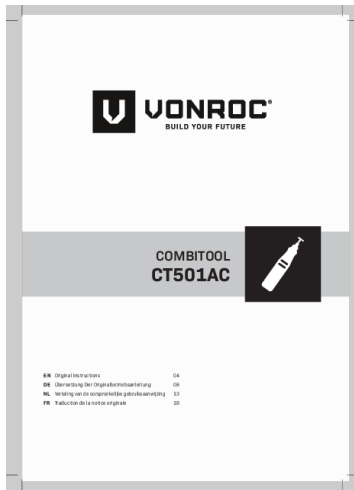


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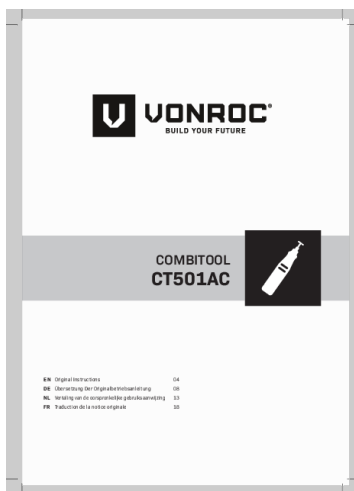


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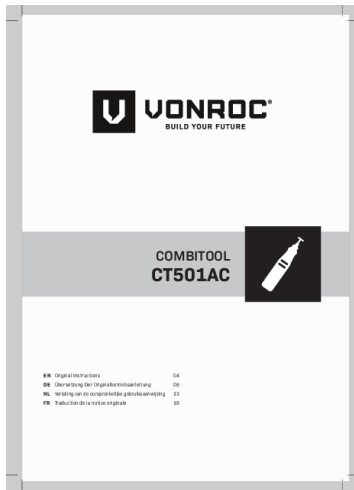
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