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## GRAEF TB502EU

# GRAEF TB502EU Blender Instruction Manual

Model: TB502EU

## INTRODUCTION

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Thank you for choosing the GRAEF TB502EU Blender. This powerful and versatile appliance is designed for blending, mixing, pureeing, and crushing ice, making it ideal for a variety of culinary tasks from smoothies and soups to cocktails. Featuring a robust 1000W motor and durable stainless steel blades, it handles both soft and hard ingredients efficiently. Please read this manual carefully before first use to ensure safe and optimal operation.



Image: The Graef TB502EU Blender, showcasing its sleek black design and 1.75L glass jug.

## IMPORTANT SAFETY INSTRUCTIONS

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

- Read all instructions before using the appliance.
- Do not immerse the motor base in water or other liquids.
- Unplug from outlet when not in use, before assembling or disassembling parts, and before cleaning.
- Avoid contact with moving parts.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- The appliance will only operate when the lid is correctly closed and secured, as per safety standard EK1.
- Do not blend hot liquids that exceed the maximum fill line to prevent overflow and scalding.
- Never place hands or other utensils into the blender jar while blending to avoid injury. Use a tamper only when the lid is on.
- Ensure the blade assembly is securely attached to the jug before placing it on the motor base.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or

instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

## PRODUCT COMPONENTS

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The GRAEF TB502EU Blender comes with several components designed for versatile use:

1. **Motor Base:** The main unit housing the 1000W motor and control panel.
2. **Glass Jug (1.75 L):** A durable, removable glass container for blending. Features measurement markings.
3. **Lid with Filling Opening:** Secures the jug during operation and allows for adding ingredients mid-blend.
4. **Stainless Steel Blade Assembly:** Four powerful blades for efficient processing.
5. **Portable Bottle (0.6 L):** An accessory for blending and carrying individual portions, such as smoothies.
6. **Chopping Container (0.2 L):** A specialized container for chopping smaller quantities of food or grinding coffee.



Image: The 1.75-liter glass jug with clear measurement markings, designed for easy monitoring of contents.





Image: The 0.6-liter portable bottle accessory, ideal for on-the-go smoothies and drinks.



Image: The 0.2-liter chopping container with its integrated blade, suitable for grinding and chopping small ingredients.



Image: The Graef TB502EU Blender displayed with its full range of accessories, including the glass jug, portable bottle, and chopping container, ready for use in a kitchen setting.

## SETUP AND INITIAL USE

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1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Clean:** Before first use, wash the glass jug, lid, portable bottle, and chopping container with warm, soapy water. Rinse thoroughly and dry. The motor base can be wiped with a damp cloth.
3. **Assemble the Jug:** Ensure the stainless steel blade assembly is securely fitted into the bottom of the glass jug.
4. **Place on Base:** Position the assembled glass jug onto the motor base. Ensure it is seated correctly and locked into place. The blender will not operate if the jug is not properly aligned.
5. **Connect Power:** Plug the blender into a suitable 230V power outlet.

## OPERATING INSTRUCTIONS

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The GRAEF TB502EU Blender features intuitive controls for various blending tasks.



Image: Close-up of the blender's control panel, showing the rotary speed knob, Pulse (P), Ice Crush, and Smoothie buttons.

## General Blending

1. **Add Ingredients:** Place your desired ingredients into the glass jug. Do not exceed the maximum fill line (1.75 L).
2. **Secure Lid:** Place the lid firmly onto the jug. The blender will not operate if the lid is not properly secured.
3. **Select Speed:** Turn the rotary knob to your desired speed setting. Start with a lower speed and gradually increase if needed.
4. **Blend:** Allow the blender to process ingredients until the desired consistency is achieved.
5. **Add During Blending:** For adding ingredients during operation, use the filling opening in the lid. Ensure the small cap is replaced immediately after adding.
6. **Stop:** Turn the rotary knob back to the 'OFF' position to stop blending.

## Special Functions

- **Pulse Function (P button):** Press and hold the 'P' button for short bursts of high-speed blending. This is useful for chopping, controlling consistency, or dislodging ingredients stuck to the blades. Release the button to stop.

- **Ice Crush Function (Snowflake button):** Press the dedicated ice crush button for optimal ice crushing results. The blender will run a pre-programmed cycle for this task.
- **Smoothie Function (Blender icon button):** Press the dedicated smoothie button for a pre-programmed cycle designed to create smooth, consistent smoothies.
- **Coffee Grinding/Chopping:** For grinding coffee beans or chopping small quantities of hard ingredients, use the 0.2 L chopping container. Attach it to the motor base as you would the main jug and use the pulse function or a low-speed setting.

## Using Accessories

- **Portable Bottle:** Attach the blade assembly to the portable bottle, add ingredients, then invert and place onto the motor base. Blend as desired. Once finished, remove, invert, and replace the blade assembly with the drinking lid.
- **Chopping Container:** Place ingredients in the chopping container, attach the blade lid, then place onto the motor base. Use the pulse function for controlled chopping.

## CLEANING AND MAINTENANCE

Regular cleaning ensures the longevity and hygienic operation of your blender.

- **Always Unplug:** Before cleaning, ensure the blender is unplugged from the power outlet.
- **Glass Jug and Lid:** The glass jug, lid, portable bottle, and chopping container are dishwasher safe. Alternatively, they can be washed by hand with warm, soapy water and a non-abrasive sponge. Rinse thoroughly.
- **Blade Assembly:** Handle the blades with extreme care as they are very sharp. Wash the blade assembly immediately after use to prevent food from drying on it. A brush may be helpful for thorough cleaning.
- **Motor Base:** Wipe the motor base with a damp cloth. Do not immerse the motor base in water or any other liquid. Do not use abrasive cleaners or scouring pads.
- **Drying:** Ensure all parts are completely dry before reassembling or storing the blender.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Blender does not start.	Not plugged in; jug or lid not correctly assembled; safety switch not engaged.	Ensure power cord is securely plugged in. Check that the jug is properly seated on the motor base and the lid is firmly closed.
Ingredients are not blending smoothly.	Too little liquid; ingredients too large; jug overfilled.	Add more liquid. Cut ingredients into smaller pieces. Do not overfill the jug. Use the pulse function to dislodge ingredients.
Motor smells or overheats.	Overloading the motor; continuous operation for too long.	Reduce the amount of ingredients. Allow the blender to cool down for at least 15-20 minutes before resuming operation. Do not operate continuously for more than 2 minutes.
Leakage from the bottom of the jug.	Blade assembly not tightened; seal damaged or missing.	Ensure the blade assembly is securely tightened to the jug. Check the rubber seal for proper placement and any damage. Replace if necessary.

## TECHNICAL SPECIFICATIONS

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- **Model Number:** TB502EU
- **Power:** 1000 Watts
- **Voltage:** 230 Volts
- **Capacity (Glass Jug):** 1.75 Liters (1750 Milliliters)
- **Capacity (Portable Bottle):** 0.6 Liters
- **Capacity (Chopping Container):** 0.2 Liters
- **Dimensions (L x W x H):** 21 x 17 x 41.5 cm
- **Weight:** 3.9 Kilograms
- **Material:** Glass (jug), Stainless Steel (blade), Plastic (base, lid, accessories)
- **Special Features:** Pulse Function, Ice Crusher, Smoothie Program
- **Dishwasher Safe:** Yes (removable parts)

## WARRANTY AND SUPPORT

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GRAEF products are manufactured with high-quality materials and undergo strict quality control. For information regarding warranty terms, product registration, or customer support, please refer to the warranty card included with your purchase or visit the official GRAEF website. Do not attempt to repair the appliance yourself; contact authorized service personnel for assistance.