



# VARIO-W™

TM

*Weight-Based Grinder*

## OPERATIONS MANUAL

**BARATZA®**

# INTRODUCTION

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Thank you for purchasing the VARIO-W coffee grinder. With the VARIO-W it is now easier than ever to make professional quality coffee, whether at home, the office, or your café.

The Vario-W is a fully integrated real-time weight-based grinder, dedicated to grinding for all styles of coffee brewing. The Vario-W has a small footprint; intuitive control panel; and a macro/micro adjustment.



## Burrs

The VARIO-W uses flat ceramic burrs, which are great for all styles of coffee. Ceramic burrs are harder than steel and last (on average) about twice as long as steel burrs.

## Shut-off Hopper

The VARIO-W comes with a Shut-off Hopper, which can be removed from the grinder while the beans are still in it, enabling easier changeover of beans.

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# PARTS IDENTIFICATION

## VARIO-W™



# SAFETY INFORMATION

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Please read the information below very carefully. It contains important safety information for this appliance. Please keep these instructions for future reference.

- ▶ Use only with AC current and the correct voltage. See the label on the base of the grinder to determine the correct voltage.
- ▶ Only clean the grinder housing with a dry or slightly damp cloth.
- ▶ Do not use this grinder for anything other than its intended use (i.e. grinding whole roasted coffee beans).
- ▶ Baratza will not accept any liability for damage or injury if the grinder is used other than for its intended purpose or is improperly operated or repaired. All warranty claims will be void.
- ▶ Disassemble your grinder only as directed in the Care and Cleaning Section of this manual. If you cannot remedy a malfunction, check [www.baratza.com](http://www.baratza.com) and visit our Troubleshooting page.
- ▶ Do not operate the grinder with a damaged cord or plug, or if the grinder malfunctions.



- ▶ Do not leave your grinder unattended while turned ON.
- ▶ Shut off and unplug the grinder from the electrical outlet when not in use and before cleaning.
- ▶ To unplug, grasp plug and remove from the outlet. Never pull on the cord.
- ▶ Keep your grinder out of the reach of children.
- ▶ Do not immerse the grinder, plug or cord in water or any other liquid.

**CAUTION: ALWAYS** unplug the electrical supply cord prior to cleaning the grinder.



# OPERATION

Place the VARIO-W grinder on a level surface. With the hopper lid in place, mount the hopper on the grinder housing by lining up the two small tabs at the base of the hopper with the two slots inside the collar on the top of the grinder. The Open/Closed lever should be oriented to the back of the grinder.



Picture hand placing hopper on housing.

Turn the hopper clockwise until it locks into position (expect to apply force).

Insert the power plug into an AC outlet. Pour the desired quantity of roasted, whole coffee beans into the hopper.

Center the ground coffee bin in front of the grinder and slide it carefully onto the load cell platform. Avoid excess weight or pressure on the load cell.

Press one of the preset buttons, then press START.

## Normal Grinding Operation

Move the Macro lever (right side) up or down, to the desired grind setting. Set the Micro adjustment lever (left side) to the middle of the scale.

Starting brew settings can be found at [www.baratza.com](http://www.baratza.com) under the Support tab.

Grind a small amount of coffee into the bin by pressing the START button, then pressing it again to stop the grinding. Check the particle size. If the particle size is close to what you desire, use the Micro lever to fine-tune the grind size. If the particle size needs a big change, then adjust the Macro lever to a new position.

The full range on the Micro scale is equal to one “click” or position change on the Macro scale. Adjusting levers UP produces a smaller particle size, adjusting levers DOWN produces a larger particle size.

**CAUTION:** Partially ground coffee beans may remain between the burrs when the grinder is turned off. When making ANY grind adjustment, the grinder must be running.

## Weight-Based Grinding Operation

Insert the coffee bin on the load cell and press TARE. Then press one of the preset buttons (1,2,3). The screen will show the pre-programmed grind weight in grams. Press START to begin grinding.

While grinding, the screen will display in real-time, the weight of coffee in the grounds bin. When the screen reaches the programmed weight (+/- 0.2g), the motor will stop and the screen will show the actual weight in the grounds bin for 3 seconds, then the screen will reset to the programmed weight. The grinder will only allow a maximum of 120g to be ground at one time. At any time, during grinding, you can stop the unit by pressing the START/STOP button. The motor will stop and the screen will reset to the selected preset weight.

## Programming

The VARIO-W is equipped with three programmable buttons. The buttons are simply labeled 1,2,3. These programmable buttons only adjust the amount of weight of coffee to be ground, they do not adjust the grind setting.

Each button comes from the factory with the following presets:

Weight: 1=15g, 2=30g, 3=60g

You can easily program more or less grinding weight as follows:

1. Select a Preset button.
2. Press the up or down arrow buttons to adjust the weight. (Press and hold the up or down arrow for two seconds )
3. Once you have reached the desired weight setting, press and hold the preset button for 3 seconds. The setting will blink to confirm the setting is stored.
4. To program the other buttons repeat steps 1-4.



If the grinder is unplugged it will retain the stored settings

## Sleep Mode

To minimize standby power consumption, the VARIO-W will go into “sleep mode” automatically after 3 minutes of non-use. While in sleep mode, the screen goes blank. To “wake up” your VARIO-W, press any button. Once the screen lights up, select your grinding method.

## Burr Calibration

All directional indications assume you are looking down on the machine.

A 2mm Allen head calibration screw is located in the round hole behind the discharge chute (see photo). This calibration screw allows the user to easily fine-

tune the calibration of the burr in the finer or coarser direction while the grinder is running. To make the adjustment, empty all beans from the grinder. Turn the grinder on and lower the Macro and Micro levers, all the way to the bottom. Let the grinder run long enough to expel any remaining ground coffee. Remove the grounds bin (For Vario-W and Forte , TARE the grinder). Now press any one of the preset buttons, then press START and insert the Calibration tool into the 2mm Allen head screw (The grinder will run until you press the STOP button). With the motor running, move the Macro arm up to the top (setting 1). You should not hear any change in motor speed. Now, slowly move the Micro arm up to the midpoint(setting M). If the motor hasn't started to slow, use the calibration tool to turn the calibration screw toward the finer direction (as indicated on tool) until you hear the motor start to slow. This setting will allow for a full range of grind. If you want a coarser grind, insert the tool and turn the opposite direction of the arrow on the tool.





## Scale Calibration

If the display is showing “EEE”, “out” or the grinder is over or under-dosing coffee, the scale needs to be calibrated. To do this you need a 200g weight. To “create” a 200g weight, place the Vario-W grounds bin on a separate scale and add whole coffee beans until the scale reads 200g (combined weight of bin and beans). Keep your “200g weight” handy. Now, unplug the Vario-W and make sure there is nothing on the scale platform. Plug the Vario-W back in, and while it powers on, hold buttons 1 and 2, until a value between 300-600 is displayed. Then press button 1, the display will read “cal”. Gently set the 200g weight onto the platform. The display will flash “pas” and then show the total weight of the



bin and coffee beans (it should read 200). After removing the bin the screen will show 0.0. Empty the beans. Then press START to bring the grinder to the “home screen”. Then place the bin back on the scale and press TARE. The scale is now calibrated. Please email us at [support@baratza.com](mailto:support@baratza.com) if you have problems calibrating the scale.

# CARE and CLEANING

## Removing the Bean Hopper

Rotate the hopper lever, so it is in the CLOSED position, then press the START button to run any remaining beans through the grinder. Remove the plug from the power outlet. Remove the hopper by twisting it, with both hands (with the lid on) in a counterclockwise direction until it stops (about 1/4inch, or 4mm) and then lift the bean hopper off of the grinder housing.

## Removing the Upper Burr

Using the Baratza Burr Tool included with the grinder, rotate the metal burr carrier clockwise about 1/6th of a turn, then lift the burr carrier straight up and out of the grinder housing. You may need to wiggle the burr carrier a little to get it free.



Rotate Baratza burr tool clockwise to remove the burr carrier.



Rotate burr carrier counter clockwise to lock in place.



## Cleaning the Grounds Bin, Hopper and Burrs

Wash the grounds bin, hopper, and the hopper lid in warm soapy water, then rinse and dry.

If the grinder is used daily, the burrs (steel or ceramic) should be cleaned at least every few months using tablets (see below for Automatic Cleaning) or with a stiff brush. Proper cleaning enables the burrs to achieve the most consistent grind possible. Cleaning also removes some coffee oils, which will stale and degrade the flavor of the ground coffee.

### Caution

**Do not put the bean hopper, hopper lid, ground coffee bin, or PortaHolder in the dishwasher. Hand wash only. Do not immerse the grinder housing in water. Do NOT wash the burrs with water.**

## Replacing the Burr

Make sure ALL coffee grounds and powder is removed from the mating surfaces of the grind chamber and the upper burr carrier before reinstalling. Even a very small speck of coffee powder will throw off your calibration.

With your hand, firmly press down until the burr carrier feels seated, then using the Baratza Burr Tool, rotate the burr carrier counter-clockwise 1/6th of a turn until tight.

## Replacing the Bean Hopper

To replace the bean hopper, line up the two small tabs on the base of the hopper with their respective slots in the top of the grinder housing and insert the hopper into the grinder. Once the hopper is in place, rotate it clockwise until it clicks to a stop (about ¼ inch or 4mm).

## Automatic Cleaning

A thorough, fast, and easy cleaning can be accomplished using Full Circle(tm) biodegradable grinder cleaning tablets. Full Circle tablets are designed to dislodge coffee particles and absorb and remove odors and coffee oil residue. Remove all beans from the hopper and run the grinder to remove any beans inside. Place the recommended amount of Grindz into the empty grinder hopper. Adjust the grind setting to 10, place the grounds bin on the load cell and press the START button. Grind all of the tablets into the bin, then press STOP. Once complete, we recommend grinding approximately 30g coffee to remove any tablet residue. Discard the ground tablets/coffee. For information on Full Circle cleaning tablets, go to [www.urnex.com](http://www.urnex.com).





# WARRANTY and SERVICE

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## U.S. and Canadian Warranty Information

Limited Warranty for Baratza Grinders is 1 year. This warranty covers all defects in materials and workmanship (parts and labor) including free ground transportation to and from our repair facility within the US and Canada. This warranty does not apply to: improper use, lack of cleaning, abuse, normal wear and tear, lack of proper adjustment, foreign objects (stones, screws, etc.) in the beans, or uses outside the intended use of grinding whole roasted coffee beans. If your grinder fails within one year, email [support@baratza.com](mailto:support@baratza.com) or call 425-641-1245. For additional warranty, support, or troubleshooting information, go to [www.baratza.com](http://www.baratza.com).

## International Warranty Information

For all countries outside the US and Canada, the warranty, support and service is provided by the International Retailer you purchased from. To find a retailer near you go to <http://www.baratza.com/retailers/international>.

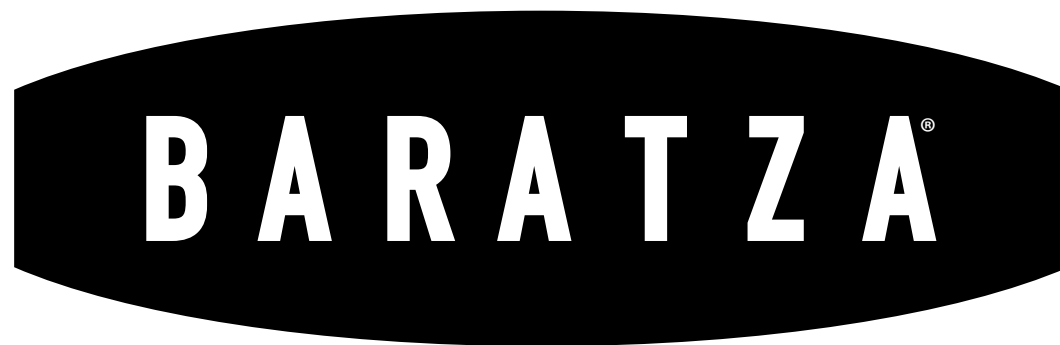
## Proof of Purchase and Product Registration

You can register your grinder at [www.baratza.com](http://www.baratza.com). Registration will enable us to contact you in the unlikely event of a product safety notification and assist us in complying with the provisions of the Consumer Product Safety Act. The serial number is located on the bottom of the grinders. Please keep your sales receipt that shows the date of purchase.

## For Repairs or Questions

Email: [support@baratza.com](mailto:support@baratza.com)

For Parts and Information go to: [www.baratza.com](http://www.baratza.com)



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