

# *Virtuoso*

*Conical Burr Coffee Grinder*

## *Operations Manual*



# Virtuoso

*Thank you for purchasing the Virtuoso Conical Burr Coffee Grinder. With the Virtuoso, it's now easier than ever to make professional quality coffee, whether at home, the office, or your café.*

*Below are detailed descriptions of the features that make the Virtuoso stand out from other grinders in its class.*

## ***Precise, commercial-quality burrs:***

*Manufactured in Italy, the Virtuoso's burrs are of the same material and durability as the industry's highest-quality line of commercial conical burr coffee grinders. The burrs rotate slower than those of most grinders minimizing the heat in the beans, to preserve the flavor.*

## ***Innovative burr calibration system:***

*The range of grind and the accuracy of the settings is truly impressive. The Virtuoso has 40 distinct settings of grind from Espresso to French Press. An innovative calibration system allows all the manufacturing tolerances of the grinder to be eliminated, resulting in identical, accurate performance of each grinder. Furthermore the Virtuoso ring burr is supported on three points, providing a stable platform for a more accurate grind. Whether in commercial, semi-professional or personal applications, exact grind is imperative to a high-quality extraction and, therefore, a better cup of coffee!*

## ***Efficient motor:***

*The Virtuoso houses a powerful DC motor that produces more than four times the output of a standard AC motor found in most grinders in this class. The motor spins at less than one-third the speed, making it much quieter and lower in pitch. Extremely well-made, the motor is built to handle long-duty cycles. In addition, it possesses a thermal safety device that protects the motor from overheating and automatically resets once the motor cools.*

## Important Information:

Please read the information below very carefully. It contains important tips for the use, the safety and the maintenance and care of this appliance. Please keep these operating instructions for future reference.

- Use only with 120-Volt current. Use only on alternating current (AC).
- 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).
- Disassemble your grinder only as directed in the care and cleaning section of this manual. If you cannot remedy a malfunction, call Baratza at 877-701-2021 to arrange for repair.
- Repairs are to be performed only by authorized service centers. An improperly repaired grinder is a source of risk to the user and voids the warranty.
- 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.

## For Your Safety:

- 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 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.

## Table of Contents

Safety Information .....	1
Table of Contents .....	2
Before using your grinder .....	2
Parts Identification .....	3
Initial Operation .....	4
Setting the Grind Control .....	4
Adjustable Self Timer .....	5
Front Mounted Pulse Button .....	5
Care and Cleaning .....	6
Cleaning the Housing and Hopper .....	6
Cleaning the Burrs .....	6
Remove the Ring Burr .....	6
Replacing the Ring Burr .....	7
Replacing the Bean Hopper .....	7
Automatic Cleaning .....	8
Troubleshooting .....	9
Warranty and Service .....	10

### BEFORE USING YOUR GRINDER

**Prior to using your Virtuoso grinder for the first time you should wash the bean hopper and ground coffee bin in warm soapy water. See the section on Care and Cleaning for instruction on how to remove and reinstall these parts.**

# *Virtuoso* Parts Identification

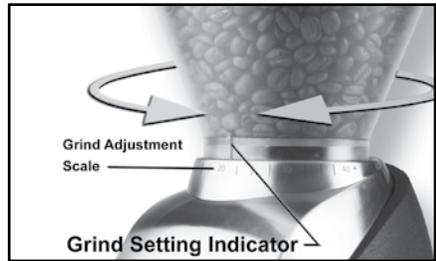


## Initial Operation:

Place the Virtuoso Grinder on a level surface. Insert the plug into a 110V AC outlet. Remove the lid from the hopper by lifting off. Pour the desired quantity of roasted whole coffee beans into the hopper up to a maximum of 8 oz. Replace the lid. Ensure the ground coffee bin is fully inserted.

## Setting the Grind Control

Slowly rotate the bean hopper clockwise or counter clockwise to align the indicator on the bean hopper with the desired number setting on the grind scale. Select the correct grind for the brew process you are using. 40 grind settings are available. The settings shown in the table below can be used as a general guideline. The settings



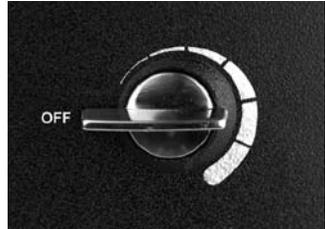
shown in the table below can be used as a general guideline. The actual grind size for a particular setting will vary depending on many factors, including: degree of roast (light vs. dark), freshness, humidity, type of bean, oil content, etc. With use, you will determine the setting that is right for your taste, brewing style and your favorite beans.

Setting	Type Coffee	Grind	Average grind size in microns
1 to 10	Espresso	Fine	351 to 495
15 to 28	Drip	Medium	701 to 1168
34 to 40	French Press	Course	1651 to 1918

**Note: Partially ground coffee beans may remain between the burrs after the grinder is turned off, adjusting the grind may be easier when the grinder is running.**

## Adjustable Self Timer:

The Virtuoso is equipped with a 60 second timer switch. Each segment around the timer represents about 10 seconds of run time. The grinder switches off automatically once the time has elapsed. If you want to interrupt grinding before the time has elapsed, simply turn the timer switch counterclockwise until the grinder switches off.



The quantity of ground coffee you need depends on the type of bean, coarseness of the grind, brewing method and personal taste. With use, you will find the most suitable settings for your personal taste.

## Front Mounted Pulse Button

For short duration grinding, the Virtuoso is equipped with a front mounted pulse button. It can be used for grinding directly into an espresso-brewing basket. Remove the grounds bin and position the espresso-basket inside the grinder directly below the pulse button (see photo). Push and hold the pulse button to grind. Grinding will stop when the button is released.



## Care and Cleaning:



### Cleaning the Housing and Hoppers:

Switch the grinder off and remove the plug from the power supply. Remove any remaining beans from the bean hopper. Remove the hopper by twisting it in a counterclockwise direction as far as it will turn, and then lift the bean hopper from the housing. Wash the hopper, hopper lid, and ground coffee bin in warm soapy water, rinse and dry.

#### Caution:

**Do not put the bean hopper, hopper lid, or ground coffee bin in the dishwasher. Handwash only. Do not immerse the grinder housing in water.**



### Cleaning the Burrs:

If the grinder is used daily, the burrs should be cleaned every few weeks. Cleaning enables the burrs to achieve the most consistent grind possible. Cleaning also removes coffee oils which will stale and degrade the flavor of the ground coffee. Do not wash the burr.



### Remove the Ring Burr:

Pull the silicone seal off the top of the ring Burr. Remove the ring burr by lifting it straight up out of the grinder by the lifting tabs.



Use the bristle brush (included with your grinder) to remove any loose coffee residue on the ring burr and the center cone burr mounted within the motor housing. Wash the silicone seal in warm soapy water and dry.

### Replacing the Ring Burr:



Ensure that the red tab on the adjustment ring located inside the top of the grinder housing is positioned as shown in the picture at left. If the red tab is not in the correct position, turn the adjustment ring counterclockwise as far as it will go. Replace the burr by lining up the red tab on the burr with the red tab on the adjustment ring. Wiggle and push down firmly on the ring burr to ensure that it seats properly.

After replacing the burr, replace the silicone seal by lining up the two slots in the silicone seal with the small tabs on the top of the ring burr and slide the seal onto the ring burr.

### 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 to your desired grind setting.

## Automatic Cleaning:

A thorough, fast, and easy cleaning can be accomplished using Grindz™ grinder cleaner. Grindz™ is a product designed to dislodge coffee particles and absorb and remove odors and coffee oil residue. Simply place the recommended amount of Grindz™ (2 Tbs. ) into the empty grinder hopper. Adjust grind setting to 20, and operate as if grinding coffee beans until all of the Grindz™ has been ground. Once complete, we recommend passing twice as much coffee (4 Tbs.) through to remove any Grindz™ residue. Discard the ground coffee. For information on Grindz™ go to [www.urnex.com](http://www.urnex.com).

Grindz™ can be purchased at [www.baratza.com](http://www.baratza.com)



## **Troubleshooting:**

### **Grinder does not run when switched on:**

1. Insure the hopper is correctly in place and rotated at least two clicks clockwise.
2. Try the front mounted pulse switch
3. Check the wall outlet with another appliance

### **Grinder runs when switched on, but coffee does not grind:**

1. Rotate the grind setting to “40” and run the grinder to free up packed coffee
2. The burrs require cleaning (see Cleaning the Burrs).

### **Grinder is operating normally, but stops abruptly:**

Immediately turn off the grinder. A foreign object, such as a pebble, green unroasted coffee bean or a twig, may have jammed the burrs. See “Cleaning the Burrs”.

### **The grind is not fine enough or course enough:**

1. Check the grind adjustment. If that does not solve the adjustment issues, the burrs could be worn and need to be replaced.

## **Warranty and Service (US only)**

Length of Warranty: One-year Warranty from date of purchase.

Replacement: If you live in the United States and the Virtuoso fails within one year, e-mail: [support@baratza.com](mailto:support@baratza.com) or call 877-701-2021. Baratza will deliver an identical or comparable replacement to your door free of charge and arrange to have your “failed” grinder returned to us.

When you receive your replacement Virtuoso, use the carton and packing material to pack-up your “failed” grinder. Return to Baratza using the shipping label included with the replacement grinder. Also, please include your name, address and telephone number with the returned grinder.

### **For repairs or parts contact:**

Baratza LLC  
3923-120th Ave. S.E.  
Bellevue, WA. 98006  
877-701-2021  
e-mail: [support@baratza.com](mailto:support@baratza.com)  
Parts: [www.baratza.com](http://www.baratza.com)

