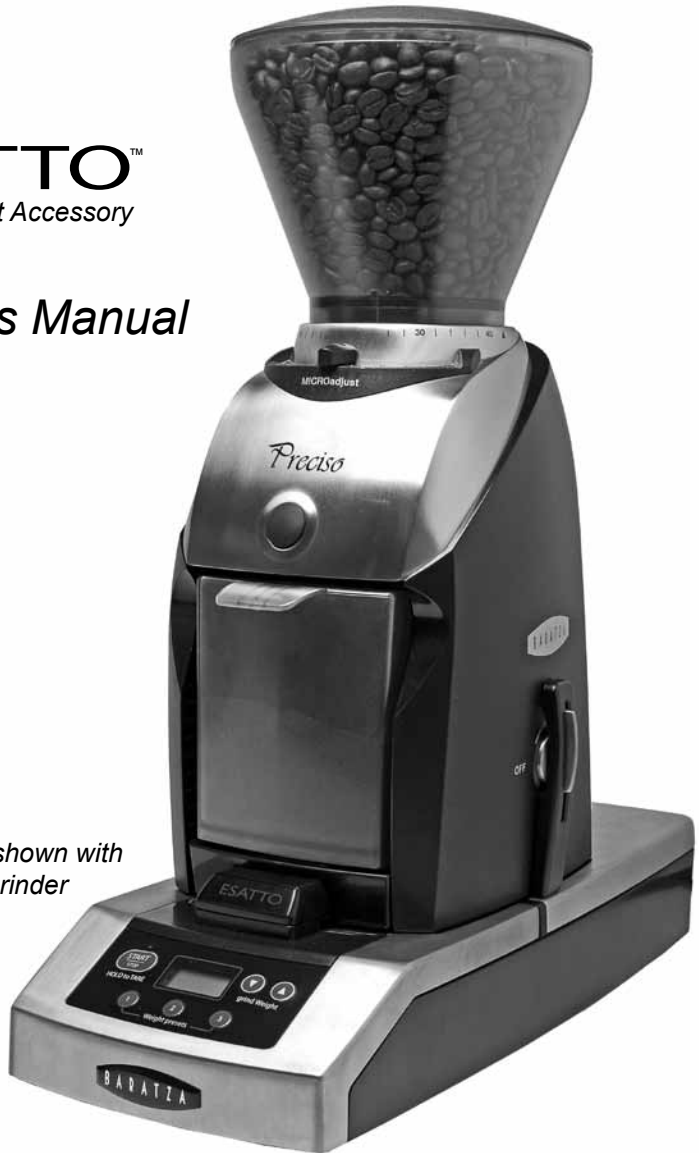


ESATTO™

Grind by Weight Accessory

Operations Manual

*ESATTO™ shown with
Preciso™ Grinder*



BARATZA



ESATTO™



Grind by Weight Accessory

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Introduction

The Baratza ESATTO™ is a precision, weighing accessory that is designed specifically for use with your Baratza Maestro Plus™, Virtuoso™ or Preciso™ or Encore™ grinders. This innovative addition to your grinder will allow you to grind precise dosages of coffee using real-time weight-based control. With its easy assembly and simple operation, you will be automatically dosing ground coffee to within + / - 0.15 gram repeatedly.

Repeatability and accuracy

We want to share the “logic” we use to get as close as possible to the desired weight in the ESATTO™. We knew we would have to anticipate the desired (programmed) weight by some factor (i.e. we could not wait until the total programmed weight was in the bin to stop the grinder). Like most things in life, if the target is moving, you must lead it a bit or you’ll miss. After a lot of coffee grinding at espresso, filter and press pot, we picked an average “lead” of 0.7g. Our goals in designing the ESATTO™ were twofold: absolute accuracy and repeatability. At mid scale for grind (filter) the absolute accuracy is very high. The flow rate of coffee thru the grinder varies from 1.5g/sec at espresso to 2.5g/sec at press. We know that on espresso grind setting we will come up about 0.2g to 0.3g shy of the target and for press, we’ll come up about 0.2g to 0.3g long. Though we miss the mark of absolute accuracy (at the two extremes), the good news is these values are VERY repeatable. If you are experiencing challenges in hitting your desired weight, We would suggest that when requiring 20.0g of espresso, you program 20.2g to 20.3g. Conversely, when grinding for 20.0g for Press, program 19.7g to 19.8g.

Operations manuals are available in the following languages at
www.baratza.com

English.pdf
Spanish.pdf
French.pdf

ESATTO™

Parts Identification



Safety Information

Important Information

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

Your new ESATTO™ is rated for either 120 VAC or 230 VAC. Please confirm the voltage of your ESATTO™ on the nameplate attached to the bottom of the unit. The 120 VAC ESATTO™ can be used from 100 to 130 VAC and the 230 VAC ESATTO™ can be used from 200 to 240 VAC. Please insure your supply voltage range matches the nameplate voltage on your ESATTO™. Only clean the ESATTO™ housing with a dry or slightly damp cloth. Do not use this unit for anything other than its intended use. If you cannot remedy a malfunction, please visit the web at www.baratza.com for assistance. Repairs are to be performed only by authorized service centers. An improperly repaired ESATTO™ is a source of risk to the user and voids the warranty. Baratza will not accept any liability for damage or injury if the ESATTO™ 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 ESATTO™ with a damaged cord or plug, or if the ESATTO™ malfunctions. Do not leave your ESATTO™ unattended while turned ON.

Caution

Unplug the ESATTO™ from the electrical outlet before cleaning. To unplug, grasp plug and remove from the outlet - never pull on cord. Keep your ESATTO™ out of the reach of children. Do not immerse the ESATTO™, plug or cord in water or any other liquid.

Assembly

1. Remove the grounds bin from the unit and set aside.

2. Remove the single Phillips head screw from the center rear of the rear metal casting cover and slide the rear casting rearward 1cm to remove it. (see photo #1).

3. **You must remove the rubber feet from the bottom of the grinder.** Use a pair of side cutters or a butter knife to pry the feet out. (See photo #2).

4. Coil the cord into the hole in the bottom of the grinder, about 1/3 will fit. (see photo #3).

5. Remove the grounds bin from the grinder and slide the grinder carefully into the ESATTO™ from the rear going forward until the grinder fits tightly against the front casting. (See photos #4 & #5).



Photo #1



Photo #2



Photo #3



Photo #4



Photo #5

6. Once the grinder is in place, plug the grinder cord into the AC receptacle inside the base of the ESATTO™, and coil the remaining cord in the space under and behind the grinder. (see photo #6).



Photo #6

7. Slide the cast metal cover into place from the rear, taking care to see that the front “fingers” lock into correct position. (see photo #7).

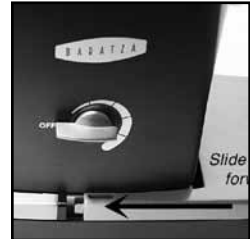


Photo #7

8. Replace the Phillips screw in the rear of the casting to secure the casting in place.

9. Install the ESATTO™ timer knob retainer by placing the slot over the blade of the knob, rotate the knob until the retainer is vertical, then slide the retainer into the hole in the base of the ESATTO™. The knob will then be held in the ON position. (See photo #8 & #9).



Photo #8

10. Plug the ESATTO™ into to an AC power supply.



Photo #9

Operation and Programming

Start / Stop / Tare

Press this button to start the grinder (after selecting a preset button (1,2 or 3)). The grinder will stop automatically when the pre-programmed weight has been ground. If you'd like to stop the grinder sooner, press the button again. To TARE (zero) the unit, first make sure the grounds bin is totally empty and properly inserted on the weigh platform. Press and hold the TARE button for 3 seconds, then release. The display will then read 00.0.

Up / Down Arrow

Press either of these buttons to set the weight value (in grams), displayed in the LCD window

Programmable Dosage Buttons 1 - 2 - 3

Each of these buttons can store a programmable weight value. Simply press the up or down arrow to select the number of grams you desire, then press and hold the button (1,2 or 3) you want the displayed weight stored to. As soon as the display blinks, release the selected button (the new value is now stored in Non-volatile memory. Repeat for each of the three buttons. The programmed weights will remain stored in memory even if the ESATTO™ is unplugged. If you adjust the desired weight for any button (1,2 or 3) but do NOT press and hold the button, the new weight will be

displayed and temporarily stored in volatile memory, however, if the Esatto is unplugged, the new value will be "forgotten".

Calibration

On occasion it may be helpful to recalibrate your Esatto. To do so, you will need a 200 gram weight. (If you don't have a 200 gr weight, you can "create" your own if you have another accurate gram scale as follows: Place the Esatto grounds bin on your gram scale and fill it with water until it totals 200 grams (bin +water)). You are now ready to do the calibration routine: Make sure the grounds bin is removed. Press and hold the START/ stop button for 3 seconds, then release. This causes a reboot of the Esatto. During the reboot, press and hold buttons 1&2. The display will come up with a value (approx 310-350). Release buttons 1 &2. Press button 1 again, "CAL" will briefly show in the display, then "200", GENTLY set the 200 gr weight on the platform. Display will show "pas" and then show "200". Calibration is now complete. Prior to use, you will need to TARE with the empty grounds bin in place on the weigh platform to "zero" the bin.

Care and Cleaning

If the weight display does not count up properly when grinding coffee, remove the grounds bin and blow air under the weighing platform to clear any coffee grounds from the narrow gap under the platform. **DO NOT** use any type of tool under the weighing platform. (See photo #10)



*Photo #10
The narrow gap under
the weighing platform
MUST be free of ground
coffee.*

Warranty and Service

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

United States Warranty Information

If your ESATTO™ fails within one year: e-mail: support@baratza.com or call 425-641-1245. Baratza will deliver an identical or comparable replacement to your door, free of charge, and arrange to have your “failed” unit returned to us.

When you receive your replacement, please use the carton and packing material and the return shipping label supplied to return the “failed” unit to us. Also, please include your name, address and telephone number.

International Warranty Information

Go to: www.baratza.com for international warranty information.

Proof of Purchase and Product Registration

You can register your ESATTO™ at 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 unit. Please keep your sales receipt that shows the date of purchase and complete the following for your personal records:

Serial Number (located on bottom of the unit): _____

Date Purchased: _____

Store: _____

For repairs or parts contact

Baratza LLC

3923-120th Ave. S.E.

Bellevue, WA. 98006

425-641-1245

e-mail: support@baratza.com

Parts: www.baratza.com

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3923-120th Ave. S.E.
Bellevue, WA. 98006
www.baratza.com



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