尺寸：100*120mm 材质：200g双铜纸-彩色印刷

varía®

BREW DIFFERENT

AKU-MINI-BLK

AKU mini

Bluetooth ELECTRONIC SCALE

USER MANUAL

variabrewing.com

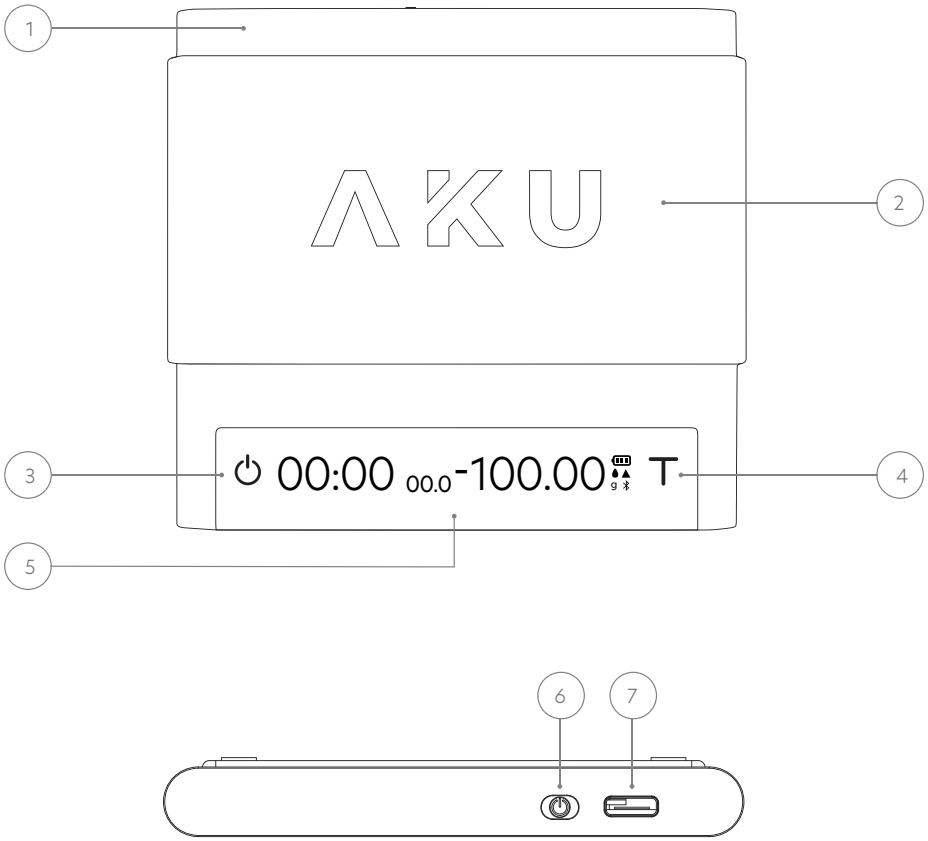
Product Parameters:	Description:
Product name	AKU mini Bluetooth electronic scale
Material	Aluminum alloy / silica gel
Measuring range	0.05-501g
Maximum weighing value	501g
Unit and division	g: division value is 0.01g
	Oz: division value is 0.005 oz
Auxiliary prompt	Built-in buzzer
Power supply	Built in 480mAh large capacity rechargeable lithium battery
Nominal value of battery	3.7V, voltage range: 3.3v-4.2v
Charging mode	5V / 1A charging power supply, built-in USB type-C interface charging cable *Refer to page 14 for instructions*
Bluetooth connectivity	*Refer to page 15 for instructions*
Water Resistance	IPX6 (Withstands power jets of water from any direction).

Safety and operating instructions for use

⚠ WARNING ! ELECTRICAL SAFETY: Never use a fast charging power supply. It is recommended to use 5V, 1a-2a adapter for charging.

- Once the battery is fully charged ensure to disconnect it from the power supply to avoid over-charging and also in order to prolong the battery life.
- Place AKU mini electronic scale on a level and stable surface.
- The surface of the scale panel is waterproof to prevent liquid from entering the gap of the body and the charging port.
- DO NOT submerge the scale in water.
- The internal structure of the equipment is precise, and it is prohibited to disassemble without permission. Doing so will void the Varia product warranty.
- DO NOT place objects weighing more than the maximum weighing value (501g) on the scale, to avoid permanent damage.
- Clean the weighing platform after weighing. Do not place the objects on the weighing surface for a extended period of time.
- Please store the product in a dry, stable and non corrosive environment.

Product overview:



1	2	3	4	5	6	7
Weighing Platform	Silicone Pad	Power Button	Tare Button	LED Display	On/Off Switch	USB-C Port

Start up & navigation overview

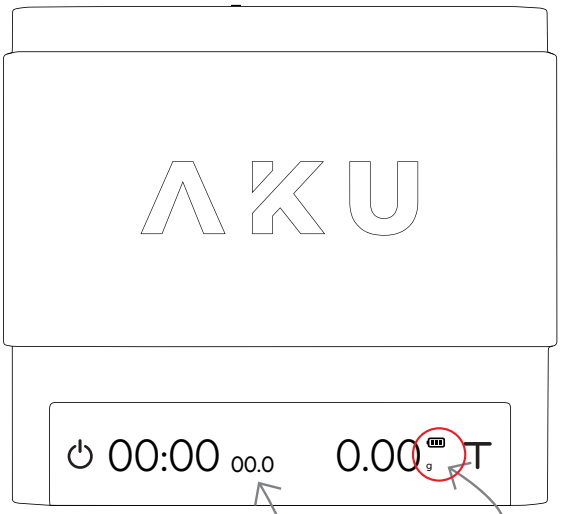
1.	**Power On:**	
		Slide main power switch ON (located next to the USB-C charging port on the back of the body)
		Press the Power button once to turn on/wake the scale
		The scale enters Mode A by default
2.	**Mode Navigation:**	
		Press and hold the Tare button to cycle through the below modes:
		Mode A: Full Manual Mode
		Mode B: Automatic Tare with Manual Timing
		Mode C: Automatic Tare with No Timer
		Mode D: Automatic Tare with Automatic Timing
		Mode E: Espresso Brewing Mode (AKU Spro)
3.	**Power Off/Clear timer:**	
		Double press the Power button to turn off the scale. Otherwise scale will enter sleep mode automatically
		Press & hold the Power button to clear the timer
4.	**Tare Function:**	
		Press the Tare button once to tare the scale to zero
		Press the Tare button six times to enter the settings mode
5.	**Unit Switch:**	
		Double press the Tare button twice to switch between grams (g) and ounces (oz)

Detailed mode descriptions and button functions

Mode A: Full manual

Function overview:

In this mode, the user has complete manual control over the weighing and timing processes. **No symbol (water drop/ triangle)** are displayed on the screen in this mode, making it ideal for precise, user-controlled brewing.



No symbols (water drop/ triangle) are displayed on screen

Live flow rate display can be turned On/Off in setting mode
(see page 11)

Button functions:

Power button:

- **Single press:** Starts the timer.
- **Second press:** Stops the timer.
- **Hold:** Resets the timer.

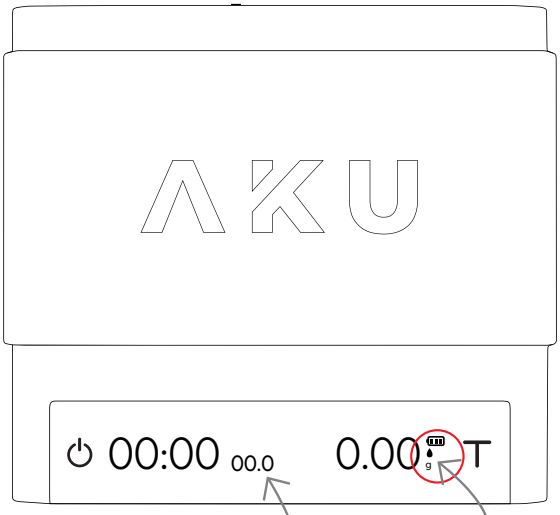
Tare button:

- **Single press:** Tares the scale to zero.
- **Double press:** Switches between grams and ounces.
- **Hold:** Cycles to Mode B.

Mode B: Automatic tare with manual timing

Function overview:

The scale automatically tares (zero) when weight/vessel stabilizes, with the **water drop symbol displayed on the screen.** The user can manually start the timer. After the vessel is automatically tared and water flow is detected, weighing begins. The final weight is displayed after the water flow stops.



Only water drop symbol is displayed on the screen

Live flow rate display can be turned On/Off in setting mode *(see page 11)*

Button functions:

Power button:

- **Single press:** Starts the timer.
- **Second press:** Stops the timer.
- **Hold:** Resets the timer.

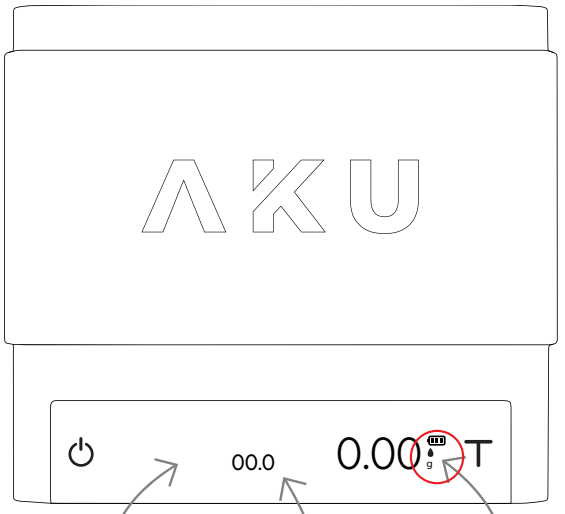
Tare button:

- **Single press:** Tares the scale to zero.
- **Double press:** Switches between grams and ounces.
- **Hold:** Cycles to Mode C.

Mode C: Automatic tare with no timer

Function overview:

In this mode, the scale automatically tares when weight/vessel stabilizes, with the **water drop symbol displayed** to indicate that automatic taring is active. No timer is displayed. After the vessel is placed and the weight is stabilized, it will automatically tare to zero. Weighing begins only when continuous water flow is detected. The current weight is displayed after the water flow stops.



In this mode, no timer is displayed

Only water drop symbol is displayed on the screen

Live flow rate display can be turned On/Off in setting mode *(see page 11)*

Button functions:

Power button:

- **No function in this mode as the timer is disabled.**

Tare button:

- **Single press:** Reset weight to zero.
- **Double press:** Switches between grams and ounces.
- **Hold:** Cycles to Mode D.

Mode D: Automatic tare with automatic timing

Function overview:

Both taring and timing are fully automated, with the **water drop and triangle symbols displayed** on the screen to indicate that both automatic taring and timing functions are active. After the vessel is placed and the weight stabilizes, the scale automatically tares to zero and starts the timer upon detecting water flow or according to settings. The timer stops when the water flow ceases.

In this mode, automatic taring and automatic timing function is activated

Both water drop & triangle symbols are displayed on the screen

Live flow rate display can be turned On/Off in setting mode
(see page 11)

Button functions:

Power button:

- **No function in this mode.**

Tare button:

- **Single press:** Tares the scale to zero and resets the timer.
- **Double press:** Switches between grams and ounces.
- **Hold:** Cycles to Mode E.

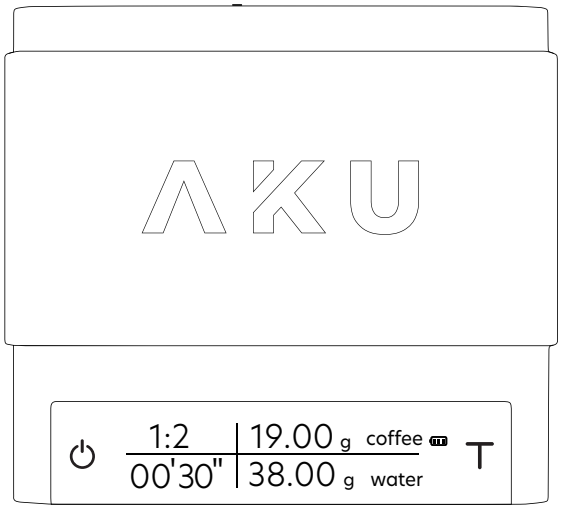
Note:

The Timer Delay or Flow Rate Detection for the Timer function can be accessed in the Settings mode.

Mode E: Espresso brewing mode: (AKU Spro)

Function overview:

This mode is specifically designed for espresso brewing. Automatic taring, automatic timing, and live brew ratio display are all activated. After the weight/ vessel is placed and stabilizes, the scale enters live brew mode using the pre-registered coffee dose weight. The timer starts automatically upon detecting water flow or according to settings. The final brew ratio, brewing time, registered coffee dose, and water yield are all displayed on one screen when the water flow stops.



In this mode, automatic taring, automatic timing, and live brew ratio are all activated

Button functions:

Power button:

- **The timer starts automatically; no manual control needed.**

Tare button:

- **Single press:** Tares the scale to zero and resets the timer.
- **Double press:** Switches between grams and ounces.
- **Hold:** Cycles to Mode A.

Note:

The Timer Delay or Flow Rate Detection for the Timer function can be accessed in the Settings mode.

Setting mode

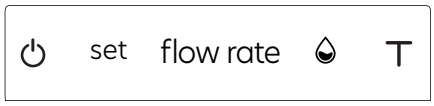
Settings mode allows you to customize various functions of your scale.
Follow the steps below to navigate through various settings.

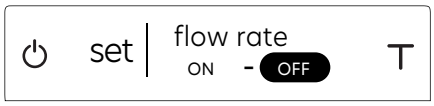
1. Enter settings mode:	
T	While the scale is on, **press the Tare button six times** to enter the settings mode.
2. Navigation within settings:	
T	**Press the Tare button to move** through the available settings options.
⏻	**Press the Power button to enter** a individual setting option.
T	**Press the Tare button to adjust** a individual setting.
⏻	**Press the Power button to confirm** setting.
3. Exit settings mode:	
T	**Hold the Tare button** to exit the settings mode.

Sequential list of settings

1. Flow rate

Display: Flow rate displayed between the timer and weight if turned ON.
Adjust: Press the Tare button to toggle between ON and OFF.
Confirm: Press the Power button to confirm setting.





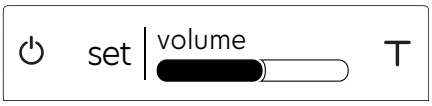
2. Brightness

Adjust: Use the Tare button to increase or decrease the screen brightness.
Confirm: Press the Power button to confirm setting.

3. Volume

Adjust: Press the Tare button to increase, decrease, or mute the scale's sound.

Confirm: Press the Power button to confirm setting.

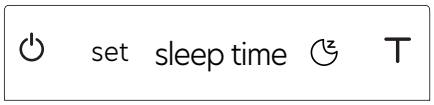


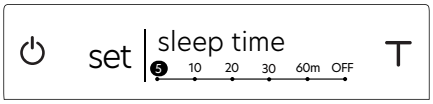
4. Sleep time

Description: Set the automatic shutdown time.

Adjust: Use the Tare button to select from the following options: 5, 10, 20, 30, 60 minutes, or OFF.

Confirm: Press the Power button to confirm setting.



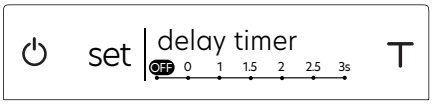


5. Auto timer delay (Active in Modes D & E)

Description: Set a delay for the timer start. When set to "OFF," the timer will start automatically once the flow rate is detected.

Adjust: Use the Tare button to select OFF, 0, 1, 1.5, 2, 2.5, or 3 seconds.

Confirm: Press the Power button to confirm setting.



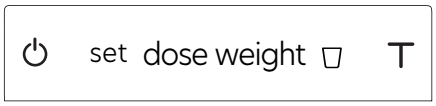
6. Dose weight (Active in Mode E)

Description: Set the pre-registered dose weight for the AKU Spro mode.

Adjust: Use the Tare button to increase or decrease the dose weight within the range of 16.00g to 24.00g in 0.05g increments.

Fast Jump: Press and hold the Tare button within settings mode to quickly access this setting.

Confirm: Press the Power button to confirm setting.



7. Calibration

Description: Calibrate your scale using a 100g weight.

Procedure: Ensure the scale is on a level, stable surface. Press the Power button to initiate calibration and follow the on-screen instructions to place the 100g weight in the center of the scale.

Complete Calibration: Press the Tare button to finalize and exit calibration mode.

Exiting settings mode

Exit: Hold the Tare button to exit the settings mode. Or scale will auto back to main interface after 10 seconds, if no more action is detected.

Charging

- To charge the AKU mini scale, plug the USB-C cable into the port located on the rear of the scale body – next to the on/off switch.

⚠ WARNING ! ELECTRICAL SAFETY: Never use a fast charging power supply. It is recommended to use 5V, 1a-2a adapter for charging.

Battery status:

Three conditions are displayed on screen.

1. Charging battery

Battery level indicator will display progress bars

2. Fully charged battery

Battery level indicator displays full

3. Low battery

Battery level indicator displays empty

Bluetooth

For Bluetooth connectivity with 3rd party apps, please follow the steps as per the selected apps connection guidelines.

For firmware updates please enter the following URL to visit our AKU product page and access our step by step guide.

https://www.variabrewing.com/collections/aku-new/products/varia-aku-scale

Firmware version no.

When the scale is powered ON (using the slide switch at back of scale) and displays the Varia logo on screen, **hold Tare button for 3 seconds** to can check the firmware version no. installed.

Firmware version no. currently installed.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warranty:

For 12 months after the original date of consumer purchase, Varia Brewing Limited warrants this product against any defects caused by defective material or workmanship.

Only the original user is covered by this warranty when a AKU mini electronic scale is purchased from an authorized reseller, and when is fitted with the factory standard parts.

To make a warranty claim, you will need the original sales receipt as proof of purchase. This warranty does not cover damage to the product caused by the following:

- An accident, misuse, neglect or 'Act of God'.
- Using the incorrect form of current or voltage for charging.
- Using a non specified adapter or non complying USB-C plug.
- Improper maintenance or unauthorised repairs.
- Failure to adhere to all of the precautions in use outlined in this document's operating instructions.

ONLY authorised service agents are permitted to repair Varia AKU mini electronic scale. Unauthorised repairs will void the manufacturers warranty. In the event that repairs are necessary please contact your point of sale representative.

Varia Brewing Limited will not be responsible for any material damage or personal injury resulting from failure to adhere to the AKU mini electronic scale Safety & Operating Instructions detailed in this manual.

Please direct all warranty claims and enquiries to:

support@variabrewing.com

www.variabrewing.com