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AKU

ELECTRONIC SCALE USER MANUAL

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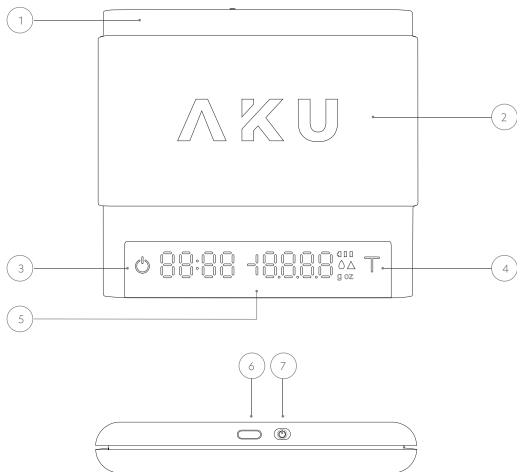
AKU

Product Parameters:	Description:
Product name	AKU Electronic Scale
Material	Aluminum alloy / silica gel.
Measuring range	0.3g-3100g.
Unit and division	g: 0.3g-1999.9g, the division value is 0.1g; 2000-3100g, division value 1g; Oz: division value is 0.01oz.
Auxiliary prompt	Built-in buzzer.
Power supply	Built in 1200mAh 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.
Bluetooth connectivity	Refer to page 12 for instructions.


Precautions in use


- It is forbidden to use a fast charging power supply. It is recommended to use 5V, 1a-2a adapter for charging.
- Please place AKU on a level and stable surface.
- Do not use during 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.
- 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.
- Do not place objects weighing more than the maximum weighing value of the product to avoid permanent damage.
- Clean the weighing platform after weighing. Do not place the objects on the weighing tray for an 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 | USB-C Port | On/Off Switch |

Button	Function	Operation Description
ON/OFF/ TIME 	Power On	Press once to turn power on.
	Power off	Press twice to turn power off.
	Start / pause / clear the timer	In the time/weighing mode, short press to start and pause the timer, and long press for 2 seconds to clear the timer; Maximum timing range: 99 minutes 59 seconds.
	Confirm	In the settings mode, press key briefly to confirm the selection.

Button	Function	Operation Description
TARE 	Return the weight to zero	When weighing, press once to return the weight to zero.
	Unit switching	Press twice to switch between "g" and "oz" units of measurement.
	Mode switching	Press and hold key for 2 seconds to switch the brewing mode one by one; A. Full manual mode; B. Automatic tare ($\hat{\Delta}$) + manual timing mode; C. Automatic tare ($\hat{\Delta}$), no timer is displayed; or D. Automatic tare ($\hat{\Delta}$ Δ) + automatic timing mode.
	Setting mode	In the weighing zeroing state, press it for more than 6 times to enter the set setting mode, and set the user calibration and automatic shutdown time.
	Sound ON/OFF	Refer to step by step instructions on page 10

Function Descriptions and Instructions:

Powering on the scale: To power on/off the scale, use the toggle switch located on the rear on the grinder body next to the USB-C charging port.

A. Full manual mode:

In this mode, you can manually operate the timer, manual weighing, tare and other operations.

**B. Automatic tare (⏻) + manual timing mode:**

In this mode, the water drop symbol is on. This signals that the automatic taring function is activated, and the timer can be started manually.

After the weight/vessel is placed and is stable, the weight will be automatically zeroed.

When the water flow stops the final weight is displayed. To reset the weight, press the 'T' button once.



C. Automatic tare (Δ), no timer is displayed:

In this mode, the water drop symbol is on. This signals that the automatic taring function is activated.

After the weight/vessel is placed and is stable, the weight will be automatically zeroed.

When the water flow stops the final weight is displayed. To reset the weight, press the 'T' button once.

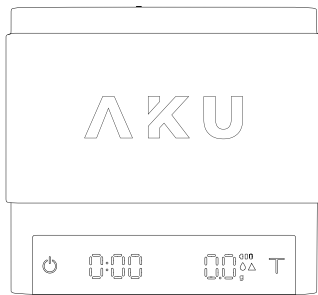


D. Automatic tare ($\Delta\Delta$),+ automatic timing mode:

In this mode, the water drop symbol and triangle symbol are both visible. This signals that the automatic taring and automatic timing function is activated.

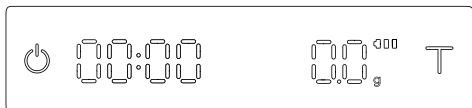
After the weight/vessel is placed and is stable, the weight will be automatically zeroed and the timer will start.

When the water flow stops, the timer will stop timing and the final weight is displayed. To reset the timer and weight, press the 'T' button once.



Setting mode:

In this mode, users can set 100g calibration (c-2er0) and automatic shutdown time (sleep).

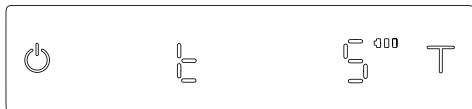
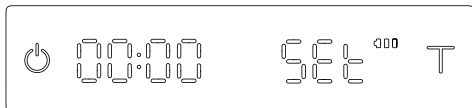


To enter the settings for your AKU scale make sure that your scale is placed onto a level and stable surface and is in Mode A; must be set to grams and the scale must be zeroed.

A. 100g calibration:

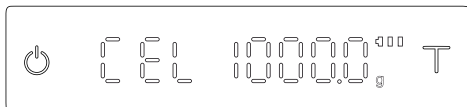
To calibrate your AKU scale make sure that your scale is placed onto a level and stable surface and press the tare button to zero the scale.

1. Press the tare key 6 times in a row and you will see the following displayed on the screen.

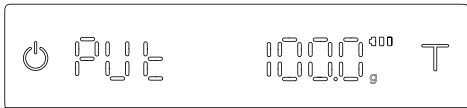
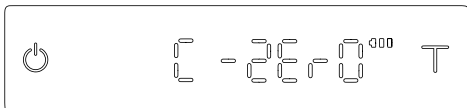


A. 100g calibration continued:

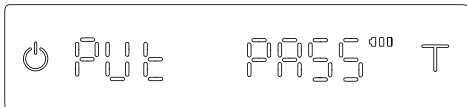
- Next, press the power button once and "cel" + "1000.0g" will be displayed on the screen. Press the tare button to cycle through the maximum capacity settings of 1000g, 2000g and 3000g.



- Once you have selected the maximum capacity you wish to use, press the power button once and "c-zero" will flash after the calibration mode has been enabled and then the display will show "PUT 100g".

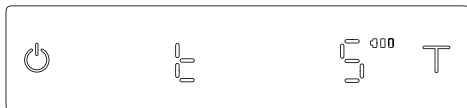
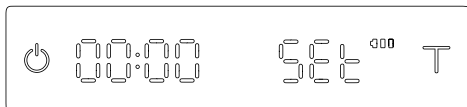


- Place the 100g calibration weight in the centre of the scale.
- When "PASS" is displayed on the screen, the calibration procedure has been successful.

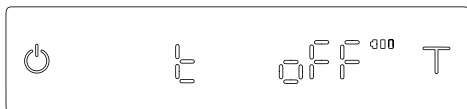
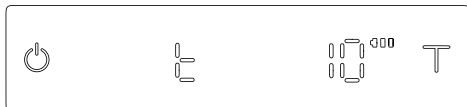


B. Sleep timer setting:

1. Press the tare key 6 times in a row and you will see the following displayed on the screen.



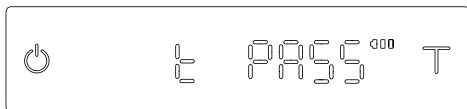
2. At this time, press the tare key to cycle the sleep timer options between 5,10,20,30,60 or OFF.



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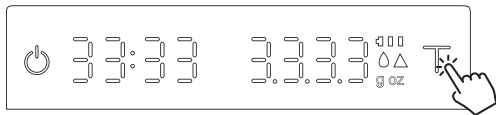
B. Sleep timer setting continued:

- To save this setting press and hold the power button until the following is displayed on the screen.



Sound ON/OFF:

Factory default setting is 'sound on'.



The sound settings can only be changed when the scale is 'powered on' and the display is flashing numbers 1-9.

To turn the sound OFF (while numbers 1-9 are flashing) press & hold the 'T' button **until two short beeps are emitted**, then release the 'T' button.

To turn the sound ON (while numbers 1-9 are flashing) press & hold the 'T' button **until one long beep is emitted**, then release the 'T' button. .

Charging

- To charge the AKU Scale, plug the USB-C cable into the port located on the back of the scale body and next to the on/off switch.
- When charging, the weighing function cannot be used.

Battery level display:

When the battery symbol is fully displayed (three sections)



the battery charge is above 80%.

When the battery symbol shows two sections,



the battery charge is 50% - 80%.

When the battery symbol displays one section,



the battery charge is less than 50%.

When "Lo" is displayed on the screen,



battery is empty and must be charged.

The battery is charging when the three battery symbols flash in sequence from right to left.



When charging, the weighing function cannot be used.

When the battery is fully charged, all battery symbols flash at the same time.



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.



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>



Please direct all warranty claims and enquiries to:
support@variabrewing.com

www.variabrewing.com

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 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 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 Electronic Scale Safety Operating Instructions detailed in this manual.