# varía®

## BREW DIFFERENT



# ΛKU

## ELECTRONIC SCALE USER MANUAL

variabrewing.com

**ΛＫU**

| 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. Refer to page 14 for instructions. |
| Bluetooth connectivity | Refer to page 15 for instructions. |

## Safety Measures and Precautions for 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 a extended period of time.

- Please store the product in a dry, stable and non corrosive environment.

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

# Λ K U

## Product Overview:
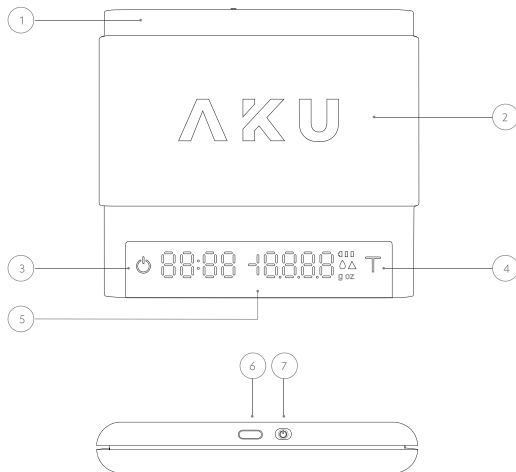


| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| Weighing Platform | Silicone Pad | Power Button | Tare Button | LED Display | USB-C Port | On/Off Switch |

## Functions

| 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 ( ◊ ) + manual timing mode; C.  Automatic tare ( ◊ ) , no timer is displayed; or D.  Automatic tare ( ◊ 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 13 |

# ΛKU

**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 ( 💧 ), 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.
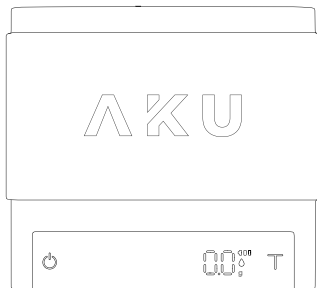
**D. Automatic tare ( 💧 △ ),+ automatic timing mode:**

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 automatically once water flow is detected or on timer start, according to preferred settings in Delay Timer section.

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

**AKU**
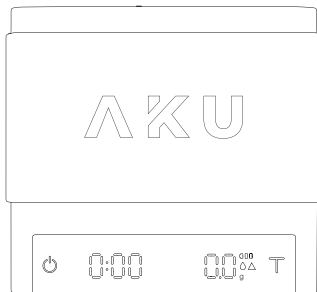
**Settings mode:**

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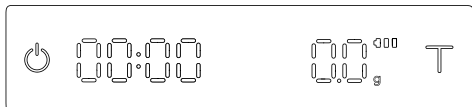


To enter the settings for your AKU scale make sure that your scale is placed onto a level and stable surface and is in Mode A; must be set to grams and the scale must be zeroed.
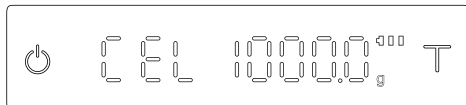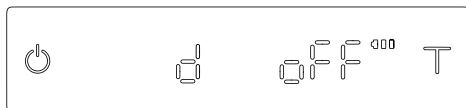
A. **100g calibration:**

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.

2. Next, press the power button once "d oFF" will be displayed on the screen. Then press the power button once again 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.





3. Once you have selected the maximum capacity you wish to use, press the power button once and "c-2ero" will flash after the calibration mode has been enabled and then the display will show "PUT 100g".
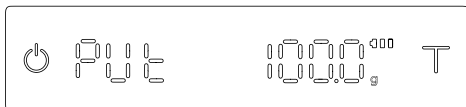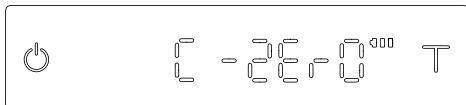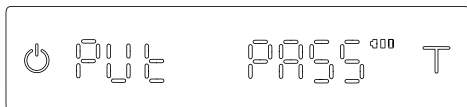




4. Place the 100g calibration weight in the centre of the scale.

*continued over*

# ΛKU

A. **100g calibration** continued:

5.  When "PASS" is displayed on the screen, the calibration procedure has been successful.
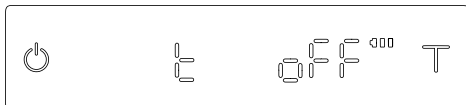
B. **Sleep timer setting:**

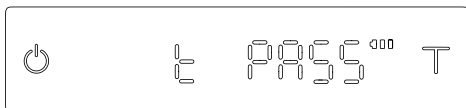1.  Press the tare key 6 times in a row and you will see the following displayed on the screen.
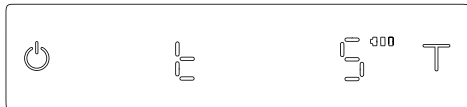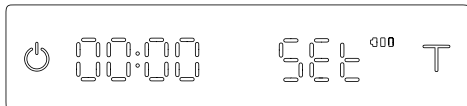
2.  At this time, press the tare key to cycle the sleep timer options between 5,10,20,30,60 or OFF.
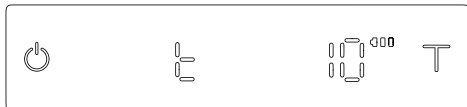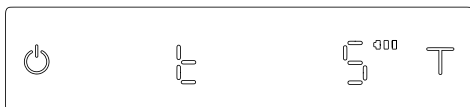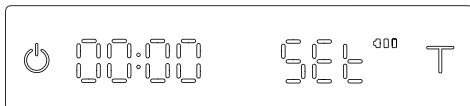
B. **Sleep timer setting** continued:

```
 ⏻          t      oFF ◁□□   T
```

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

```
 ⏻          t      PASS ◁□□   T
```

C. **Delay timer setting:**

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

```
 ⏻   00.00        SEt ◁□□   T
```
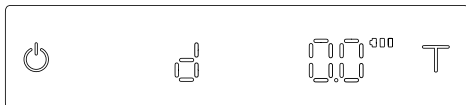
```
 ⏻          t        S ◁□□   T
```

*continued over*

# ΛKU

2.  Next Press the power button once,  and  "d" + " oFF" symbol will be displayed
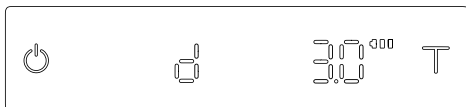    on the screen.
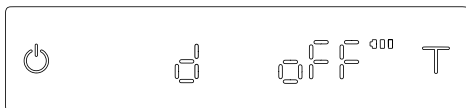


**Mode D timer auto start
once detected  water
flow Factory default
setting**

3.  Press the tare button to cycle through the delay timers options between
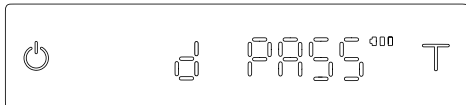    oFF /   0.0   / 1.0/ 1.5/ 2.0/ 2.5 /3.0 seconds delayed  after vessel tared.



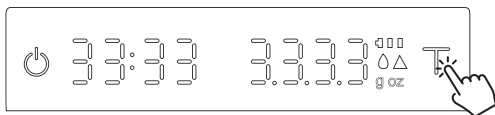**Mode D timer auto start
once vessel auto tared**



**Mode D timer auto start
3 second after vessel
auto tared**

4.  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. .

# AKU

## 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.

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

## Battery level display:

When the battery symbol is fully displayed (three sections)

**Battery charge is above 80%.**

When the battery symbol shows two sections,

**Battery charge is 50% - 80%.**

When the battery symbol displays one section,

**Battery charge is less than 50%.**

**Battery level display** continued**:**

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.

## 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**

# Λ K U

varía®

Please direct all warranty claims and enquiries to:

support@variabrewing.com

**www.variabrewing.com**