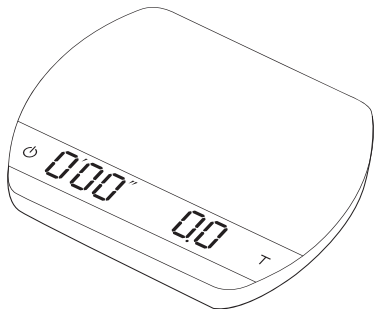


FELICITA[®]

ARC

Operation Manual



Identification

The instructions in this operation manual apply to the Felicita | Arc. You have purchased a quality precision weighing scale that requires handling with care. Make sure to read through this operation manual prior to using the scale.

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Chapter 1: Scale at a Glance

Introduction

1. Thank you for choosing one of our scales. The Felicita | Arc is designed and manufactured to the most rigorous standard to give you the best coffee brewing experience. Start by checking that your Felicita | Arc box contains all the parts listed below:

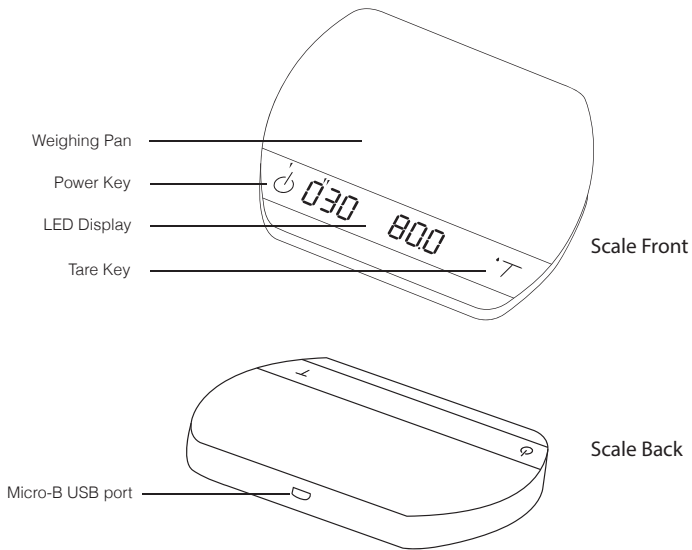
- | | |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">● Felicita Arc● Felicita Arc Weight 100g | <ul style="list-style-type: none">● Micro USB cable● Heat Resistant Pad |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

2. Next, follow the instructions in the Preparation and Installation sections in the manual to get started.
3. To take an advantage of its many features, carefully read through the operation manual containing step-by-step procedures, examples, and other information.
4. **Warning: Incorrect handling of this product could possibly result in personal injury or physical damage.**

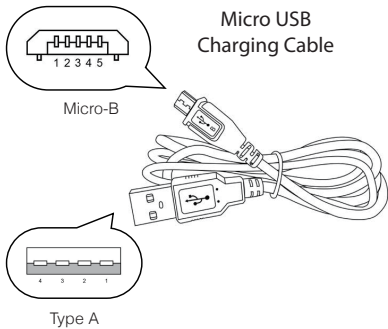
Specifications

| | | | |
|-------------------------|--------------------------------------------------------------------|---------|-----------|
| Aprox. weight | 250g | | |
| Capacity | 2000g / 70.54oz | | |
| Measuring Units | g , oz | | |
| Weighing range | Maximum capacity | 2000.0g | 70.540oz |
| | Division | 0.1g | 0.002 oz |
| | Reference division | 0.01g | 0.0005 oz |
| Indication limit | 2060.00g / 72.6600oz | | |
| Unit dimensions | 105mm(W) x 135mm (L) x 15.5mm (H) | | |
| Electrical Requirements | 5V/500mA | | |
| Power and Battery | Lithium-ion rechargeable 3.7V 1200mA | | |
| Display | 9 digit LED | | |
| Top | Aluminum construction with acrylic window, touch sensitive buttons | | |
| Bottom | Aluminum construction | | |
| Connectivity | Bluetooth 4.0 | | |
| Linearity | +/- 0.2g | | |

Scale Overview



Accessories



Micro USB
Charging Cable

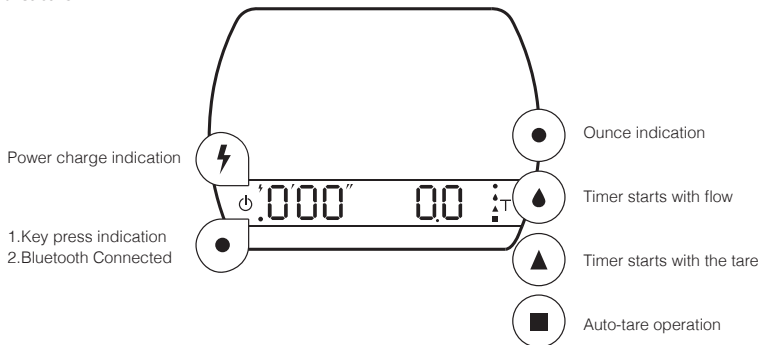
Felicita Scale Weight
100G



Buttons

*Please see **Chapter 3: Basics** for more details.

LED Indicators



Battery Charge

- You can charge the battery by plugging the USB cable to any power supply listed below:
 - A computer USB port
 - A cell phone charger with a micro USB connector
 - An automotive cell phone charger with a USB port or a Micro USB cable
- It takes 1-2 hours to fully charge the battery. You can charge the battery more frequently so that it will never run out of charge.
- Battery percentage can be viewed in Felicita Apps.
- It is not recommended to let the battery run out completely before charge.

Chapter 2: Getting Started

Preparation



- This scale is intended for indoor use.



- Select a work place that is stable, vibration-free and, if possible, a horizontal location for the weighing platform.



- Do not locate the scale near any equipment/instrument which contains magnets.




- Avoid places where room temperatures are unstable. Room temperature above 40°C or below 15°C may result in weighing inaccuracy.

Charging and Setup




- To use AC adapter instead of the built-in battery, plug the USB cable into the Micro-B USB port located on the back panel of the scale.

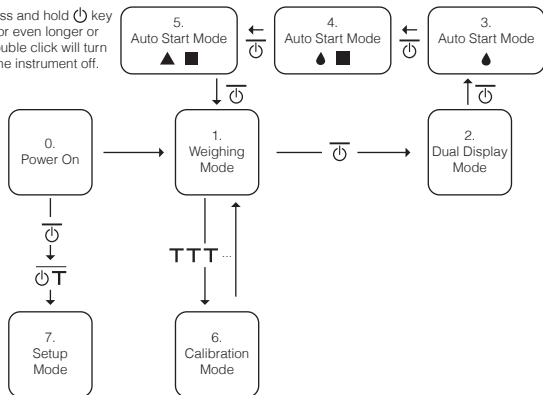


- Press  button for 0.5 seconds to turn on the scale.

Chapter 3: Basics

An Overview of Operation Structure

Press and hold  key for even longer or double click will turn the instrument off.




Key operations:

 Click

 Key for several times.




 Press and hold

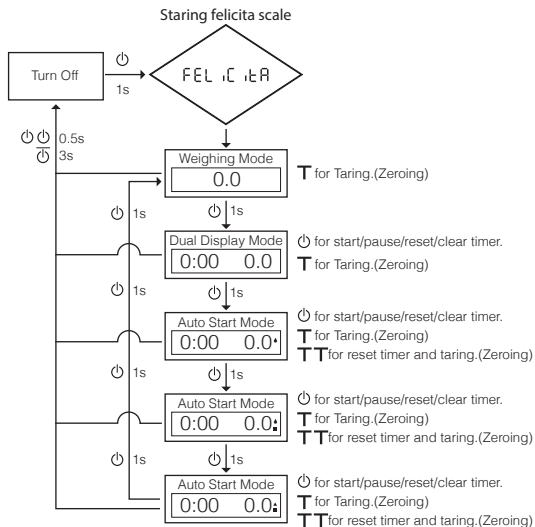
 Key for about 1 seconds.

 Press and hold both

 Key and  Key

Basic Operations

- Turn On • Press and hold  button for 0.5 seconds to turn on the scale.
- Turn Off • Double click  button to turn off the scale.
- Switch Modes • Press and hold  button for 1 second each time to toggle through different modes.



Weighing Mode

Display

- There are two different weighing units in Weighing Mode: grams and ounces. It can be identified if the upper right LED is light on. If the LED is light on, the weighing unit is ounce.
- The readability is 0.1g or 0.002oz base on the weighing unit selected in Setup Mode.
- Note: To change default weighing unit, please see Chapter 4 Default Unit Setting for more information.

Operation

1. Press \bar{T} button for tare (zero) operation.
2. Press and hold \odot button for 1 second to switch to Dual Display Mode.

Dual Display Mode

Display

- The LED display shows [\odot : $\square\square\square.\square$] with timer on the left and the weight value on the right.

Operation

1. Press \odot button to start/pause/reset the timer
2. Press \bar{T} button to tare the weight.
3. Press and hold \odot button for 1 second to switch to Auto Start Mode(\blacktriangle)

Note

1. The maximum time that can be displayed is 9 minutes and 59 seconds
2. When the limit is reached, the timer still goes up until 999 minutes and 59 seconds. It can be observed by iOS/Android App.




Auto Start Mode

Display

- The LED display shows [0:00 0.0] with timer on the left and the weight value on the right.
- The timer displays from [0:00] to [9:59] and then the timer will stop.

Status Icon

The icon indicator LED on the right side, if the status icon lights on, the scale is under Auto Start Mode.

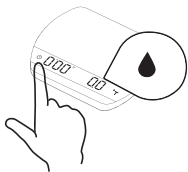
1. Droplet  : When the scale detects the water flow, the timer starts. The timer will stop when the water flow stops.
2. Triangle  : The scale performs auto-tare operation when placing stable weight on the scale, then starts the timer.
3. Square  : When placing stable weight on the scale, the scale will perform auto-tare operation.

Chapter 4: Mode Description

1. Droplet

- The scale detects the espresso flow, then the timer starts.
- When the espresso flow stops with the timer running, the timer stops.

1 In this mode, except the espresso flow, the scale do not perform operation automatically.



2 The weight will show on the screen.



3 Tare the weight manually.



4 The scale detects the espresso flow, then the timer starts.

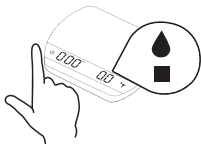


2. Droplet and Square ▲ ■

This mode is designed for baristas who would like to measure the time of the shot starting from the first few drops of espresso in a busy environment.

- When placing a stable weight on the scale, the scale will perform auto-tare operation.
- After the scale detects the espresso flow, the timer starts. The timer will stop when the espresso flow stops.

- 1 This mode is designed for baristas who , would like to measure the time of the shot starting from the first few drops of espresso in a busy environment.



- 3 The scale will perform auto-tare operation.



- 2 When placing a stable weight on the scale, the scale will perform auto-tare operation.



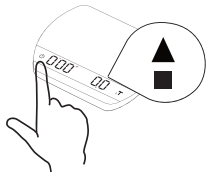
- 4 After the scale detects the espresso flow, the timer starts.



3. Triangle and Square ▲■

In this mode, the barista would like to measure the total time of a shot including the pre-infusion time. After placing a stable weight such as a cup on the scale, it performs auto-tare operation, then the timer starts.

- 1 In this mode, the barista would like to measure the total time of a shot including the pre-infusion time.



- 2 After placing a stable weight such as a cup on the scale, it performs auto-tare operation, then the timer starts.



- 3 Measure the total time of a shot including the pre-infusion time.



- 4 When the espresso flow stops with the timer running, the timer stops.



Note:

1. In all Auto Start Modes, the timer will stop when the espresso flow stops.



2. In all Auto Start Modes, if you do not operate the scale for 30 seconds, it will reset timer and perform tare operation.








3. In all Auto Start Modes, the timer will stop when a negative weight (i.e. removal of cup) is detected.



4. The scale will also display a previous stable weight that captures the coffee weight of the shot when you unloaded the cup.










Operation

1. Press  button to start/pause/reset the timer.
2. Press  button for tare (zero) operation.
3. Press  button twice to reset timer and tare weight.
4. Press and hold  zbutton for 1 second to switch to Auto Start Modes. If the Triangle and Square icon indicator are light on, press and hold  button for 1 second will switch to Weighing Mode.

Chapter 5: Configuration

Operations for Setup Mode

Steps to enter Setup Mode

1. Press and hold  button while turning ON the scale. When the LED display shows [*FEL*] and then [*SET*], press and hold  button for another 1 second without releasing  button. Release both  and  buttons when the display shows [*F.0000*] with the very left 0 flashing.
2. Press and hold  button for 1 second to move the flashing digit to the right. Repeat this step for 3 times.
3. Press and hold  button for 1 second to confirm the password, and to enter the first setting in Setup Mode: the LED display shows [*SLEEP*].

Key Operations in Setup Mode





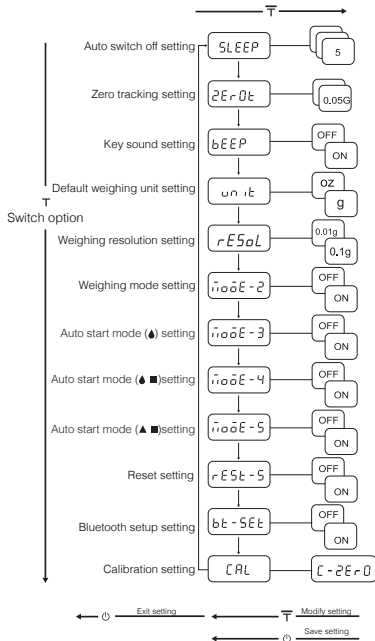
1. Press  button to toggle through setting menu or the options under each setting.
2. Press  button to enter this option, press"  " button to toggle through this option
3. Press  button to save changes and return Weighing Mode from setting menu.

Diagram of Setup Mode Settings



Key operations:

T Click




⊖ Click

T Key.



T Key for about 2 seconds.

⊖ Key.



Auto Switch Off Setting [SLEEP]

1. The number indicates the amount of time before the scale enters sleeping mode. For example, When 10 is selected, the scale enters sleeping mode after 10 minutes being idle, while the scale is disconnected, from all mobile devices and no operation has been performed on the scale.
2. Press  button to toggle through the options.
3. Press  button to exit, press and hold  button for 5 seconds to save setting, LED shows [SAVE] and exit

Zero Tracking Setting [ZERO]

1. Zero tracking is a function for maintaining the zero indication within certain limits automatically.
2. Sensitivity can be optional from 0.005g to 0.095g.
3. 0.05g is recommended in general for FELICITA / Arc.
4. Press  button to exit, press and hold  button for 5 seconds to save setting, LED shows [SAVE] and exit.

Key Sound Setting [BEEP]

1. Key Sound Settings can also be configured in the Felicita Apps.
2. Set the key sound function off to turn off the beeping sound or on to turn on the beeping sound.
3. Press  button to exit, press and hold  button for 5 seconds to save setting, LED shows [SAVE] and exit.

Default Unit Setting [UNIT]

1. The Default Weighing Unit is set to be gram if [g] is selected and ounce if [oz] is selected.
2. Press **T** button to switch the Default Weighing Unit between gram and ounce.
3. Press **T** button to exit, press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Weighing Resolution Setting [RESOL]

1. The default Weighing Resolution is set to [0.1g]: the division is 0.1g/0.02oz.
2. Press **T** button to switch the weighing resolution between [0.1g] and [0.01g].
3. When the Weighing Resolution is set to [0.01g], division will be 0.01g/0.0005oz. The default display will show [0.01] in Weighing Mode.

Weighing Mode Setting [100E-2]

1. The default Dual Display Mode Setting is set to ON, which means this mode is enabled.
2. ON: The Dual Display Mode is enabled.
3. OFF: The Dual Display Mode is disabled.
4. Press T button to exit,press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Auto Start Mode ◆ Setting [100E-3]

1. The default Auto Start Mode with Droplet Setting is set to ON, which means this mode is enabled
2. ON: The Auto Start Mode with Droplet is enabled.
3. OFF: The Auto Start Mode with Droplet is disabled.
4. Press T button to exit,press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Auto Start Mode ◆■ Setting [100E-4]

1. The default Auto Start Mode with Droplet and Square Setting is set to ON, which means this mode is enabled.
2. ON: The Auto Start Mode with Droplet and Square is enabled.
3. OFF: The Auto Start Mode with Droplet and Square is disabled.
4. Press T button to exit,press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Auto Start Mode ▲■ Setting [100E-5]

1. The default Auto Start Mode with Triangle and Square Setting is set to ON, which means this mode is enabled.
2. ON: The Auto Start Mode with Triangle and Square is enabled.
3. OFF: The Auto Start Mode with Triangle and Square is disabled.
4. Press T button to exit,press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Bluetooth Setup Setting [b t - 5 E t]

1. Select:
ON:The bluetooth is enabled.
OFF:The bluetooth is disabled.
2. Press T button to exit,press and hold T button for 5 seconds to save setting, LED shows [SAVE] and exit.

Calibration Mode [C R L]

1. While the scale is in Weighing Mode and the weighing unit is in gram , press T button quickly multiple times until LED display shows [C - 2 E r 0].
2. When LED display [P o t] Place a 100g weights on scale and wait for the LED display shows [C 1 0 0 0] and [P R S S] when the calibration weight procedure is completed.

Appendix A. Smart-Calibration

If you decide to calibrate your scale, it will only be as good as the accuracy of the calibration weights you use.

*Note: If you use weights other than felicity Weights, we recommend standard weights with class F₁ or F₂.

Calibration Mode

1. While the scale is in Weighing Mode and the weighing unit is in gram , press **T** button quickly multiple times until LED display shows [**[-2E0]**].
2. When LED display [**PLt**] Place a 100g weights on scale and wait for the LED display shows [**[1000]**] and [**PRSS**] when the calibration weight procedure is completed.
3. The LED display shows [**PRSS**] when the calibration procedure is completed. then Press **T** button to SAVE.

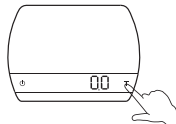
Note:

1. If you use weights other than FELICITA / Arc weights, we recommend standard weights with 100g*n for example, 500g or 1000g.
2. If you use weights other than Felicity weights, we recommend standard weights with 100g*n. For example, 500g or 1000g.

- 1** Turn on the Felicity / Arc scale.



- 2** Make sure the scale is in weighing mode and the unit is set to "gram" then tap the "T" button rapidly and over 6 times.



- 3 Tap the T button for several times rapidly until the LED display shows "[C-2E-r-0]".



- 4 When LED display shows [P_Ut] , Place a felicita100 weights on scale and wait for the scale to execute calibration procedure, then LED display shows [C 100G].



- 5 The LED display shows [P_RS] when the calibration procedure is completed. then Press T button to SAVE.

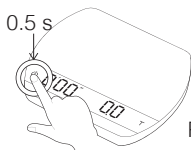



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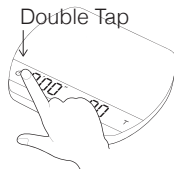
Quick Start Guide

1 Turn On



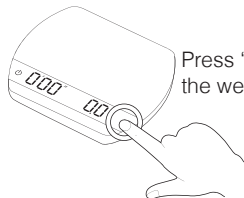
Press "  " to turn on the scale

2 Turn Off



Double Tap
to turn off the scale

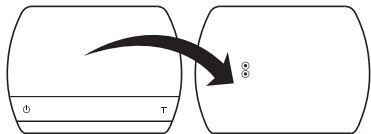
3 Tare Weight



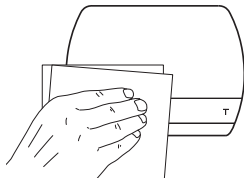
Press " T " to tare zero
the weight

Protective Strips Application Instructions

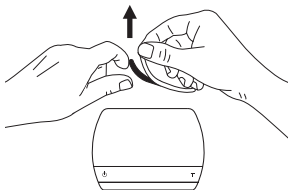
- 1** Turn the scale over.



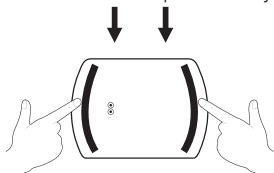
- 2** Clean the bottom of the scale, let dry.



- 3** Remove the adhesive backing.



- 4** Position each protective strip at the bottom of scale and press firmly.



* 3mm from scale edges

App Free Download



Available on the
 App Store



Get it on
 Google play

For complete user manual , please visit: www.felicitacoffee.com

FELICITA

1-Year Limited Warranty

About warranty issues : Please contact your original place of purchase or your local distributor. Products that are purchased in every country have a one year warranty for parts only. If your product fails within one year date of purchase simply email us at support@felicitacoffee.com. Please have the following information prior to contacting Felicity:

1) Proof of date of purchase.

2) Model and serial number (located on bottom of the product) Felicity will contact you to determine the problem, and see if it can be fixed quickly and easily.

The customer is responsible for paying the freight charges and any duties for replacement parts that Felicity may send. Customer is also responsible to provide any labor required to repair the product.

The high quality workmanship of Felicity products bearing the Felicity trademark is guaranteed by: **FELICITA CO., LIMITED**

FELICITA[®]
Arc