

COFFEESECRET

Smart Coffee Scale

[CS-900 Operating Manual]



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The instructions in this operation manual apply to coffeeseecret smart coffee scale.

Thank you very much for purchasing our smart digital scale.

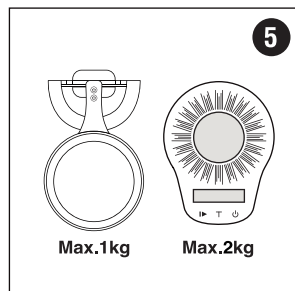
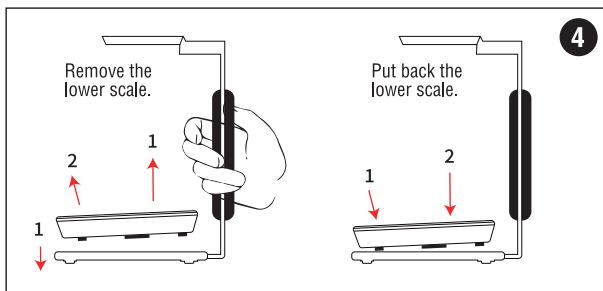
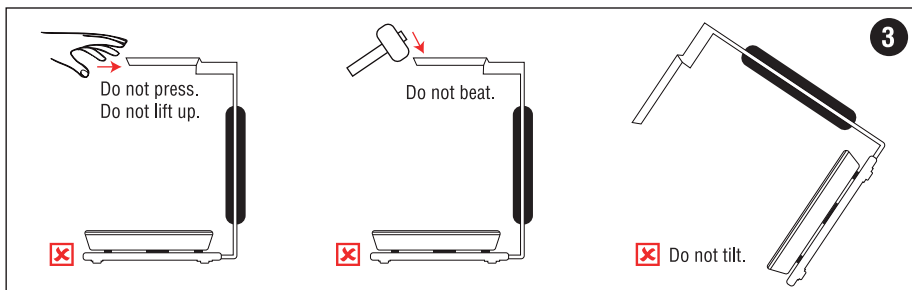
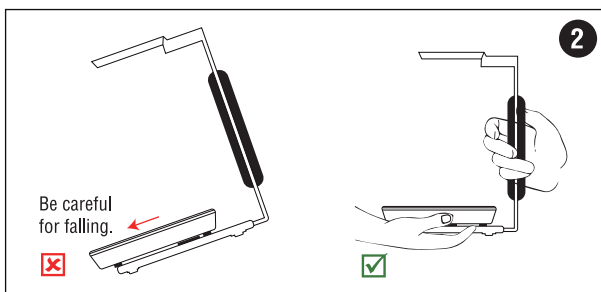
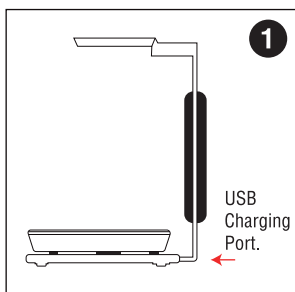
With normal care and proper treatment it will provide years of reliable service.

Please read all the operating instructions carefully before using the product.

CAUTION

ultrakoki

1. Due to the low battery, the new scale is not turned on. Please charge fully before use.
2. As the Smart Coffee Scale is a precise device, please handle with care. When moving the device, please hold the wooden handle in one hand and hold the weighing scale in the other. Please try to avoid shaking or other rough handlings of the device to prevent causing damages.
3. The weight capacity for the upper scale ring is 1 kg. please do not put over 1 kg of weight on the scale, or tilt the scale, to avoid damages.
4. If you need to remove the lower scale, please hold on tightly to the wooden handle in one hand and hold the lower scale in the other. After gently removing it from position 1, move on to position two. As for installing the lower scale, please operate in the reverse direction.
5. The weight capacity for the upper scale is 1 kg. The weight capacity of the lower scale is 1 kg.
6. Please do not dismantle any screws to avoid weight inaccuracy, if you are not our maintenance staff.
7. If you need to download app, please visit the web site www.ultrakoki.com or scan the QR code.



Scale Overview

Coffeeseecret smart coffee scale from Ultrakoki includes following items:

1. a frame of coffee scale
2. a main unit of coffee scale
3. an operation manual
4. a Micro-USB charging cable (50cm)

* CS-900A: 130mm(L) x 195mm (W) x 210mm (H)

* Weight: 1000g

* Capacity for the upper scale: 1kg

* Capacity for the lower scale: 2kg

* Measuring units: g

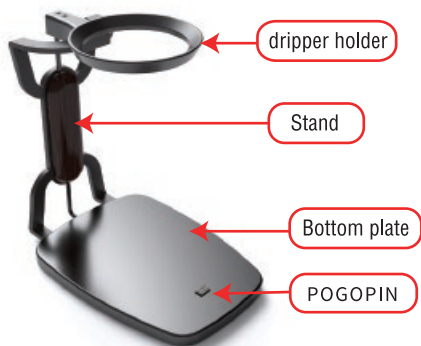
* Display: OLED

* Battery & Power: Rechargeable Li-Polymer battery, 3.7V, 1600mAh

* Connectivity: Bluetooth 4.0

* Colors: Black / White

* Turn on/ off : Press Key On / Off / Auto-off



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Material & Components:

- * OLED: glass
- * Scale plate: PMMA + Stainless steel
- * Plastic Upper Cover: PMMA
- * Plastic lower Cover: ABS
- * Stand: Aerospace aluminum alloy / preservative stainless steel

Electrical Requirements:

- * Fixed Voltage: DC3.7V
- * Battery: High Density Lithium Polymer Battery - Soft Pack
- * High Stability

Functions:

- * Weighing Range for Upper Scale: 0~1000g
- * Weighing Range for Lower Scale: 0~1000g
- * Division: 0~200g : 0.1g, 200~500g : 0.5g, 500g~2000g : 1g
- * Temperature measure range: 5~100°C

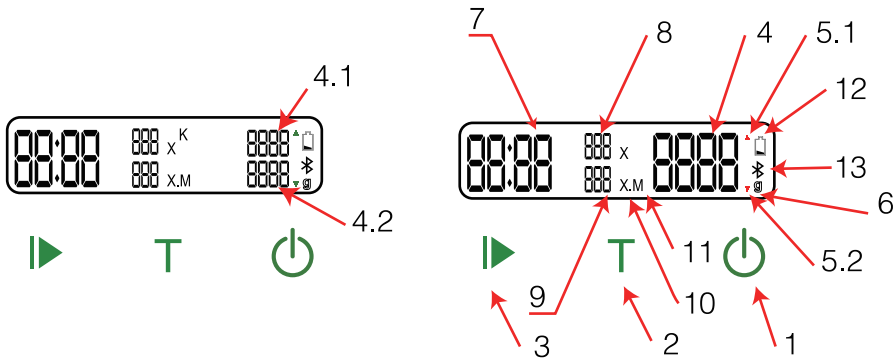
Required Temperature & Humidity:

- * Temperature for Operating: 5~35°C
- * Humidity for Operating: 30~85% RH
- * Temperature for Preservation: 20~60°C
- * Humidity for Preservation: 0~95% RH
- * Lifetime: 3 years



Functions and Panel illustration

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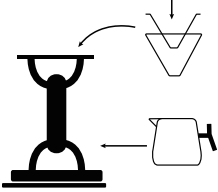
1. Power Button & Scale Select:
 - First Press to turn on the scale.
 - Press and Hold for 3 seconds to turn off the scale.
 - While brewing, click to switch through 4 different scale modes indicating "Upper Scale", "Lower Scale", "Upper & Lower Scale", "Upper Scale + Lower Scale".
2. "T" Button for Tare Operation(Zero): **Click** to tare depending on different scale modes.
3. Start Button:
 - Click for Learning/Profession modes before Timer mode setting.
 - Click for Start/Pause after Timer mode setting.
 - Press and Hold for 2 seconds to restart the process.
4. Weighing Indicators:
 - 4 via 5.1 shows the weighing of the upper scale.
 - 4 via 5.2 shows the weighing of the lower scale.
 - 4 via 5.1 & 5.2 flashing shows the total weighing of upper and lower scale.
5. - 5.1 for the upper scale, 5.2 for the lower scale.
 - Both displays of 5.1 & 5.2 show both weighing or its total weighing value.
6. Weighing Units Indicators: g
7. Timer display shows in Timer Mode.
8. Ratio : pure water / coffee bean.
9. Ratio : Extracted coffee / coffee bean.
10. "X" Ratio, Sign of multiple.
11. "M" shows memory completion of coffee grinds weight.
12. Battery Indicator: Please charge in low battery. Charging. Full Charge.
13. Bluetooth Indicator:
 - "OLED ON" shows connecting via App.
 - "OLED OFF" shows not connecting via App.
14. K: Korean Special Model

Click means less than 1 second button touching.

Teaching Mode of Hand-Drip-Brewing Coffee



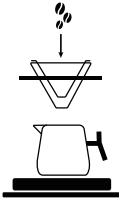
- The lower and upper scales are preset to sync. The display will not switch from step 1 to step 8.
- From Step 9 to Step11, pressing Power Button can be switched into 4 different modes like "Upper Scale", "Lower Scale", "Upper & Lower Scale", "Upper Scale + Lower Scale".
- From Step1 to Sep7, Start button can be switched into the modes for Professional Hand-Drip-Brewing Coffee or Teaching of Hand Drip Brewing Coffee



Step 01

Upper Scale	Coffee Dripper & Paper Filter	Upper Scale	Weight
Lower Scale	Coffee-Drip Pot	Lower Scale	Weight

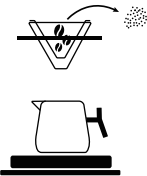
Coffee Dripper and Paper Filter for the Upper Scale, Coffee-Drip Pot for the Lower Scale. Auto-Tare after placing both of items. If any disabled Zeroing under some factors, please click " " Button once again for Zeroing.



Step 02

Weighing roasted coffee beans in Coffee Dripper		Upper Scale	Weight
		Lower Scale	Weight

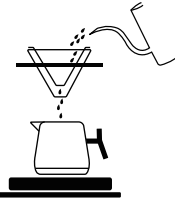
Add your required roasted coffee beans to Coffee Dripper with Paper Filter, once the weight of Upper Scale is detected, then go to the next step, but the weight display for Upper Scale shows the current figure.



Step 03

Grinding roasted coffee beans	Upper Scale	Weight
	Lower Scale	Weight

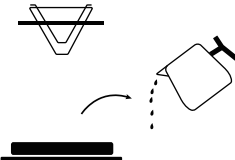
Pour roasted coffee beans into Grinder , put the Coffee Dripper with Paper Filter back to the Upper Scale, then enter the next step.



Step 04

Cleaning Paper Filter with hot water	Upper Scale	Weight
	Lower Scale	Weight

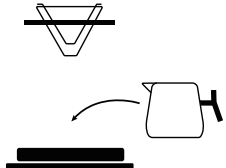
Pour hot water into Paper Filter, after the water starts to drip, move on to the next step.



Step 05

Wastewater Empty	Upper Scale	Weight
	Lower Scale	Weight

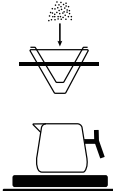
Empty the used water from the Coffee-Drip Pot, then enter the next step.



Step 06

Place the Coffee-Drip Pot back	Upper Scale	Weight
	Lower Scale	Weight

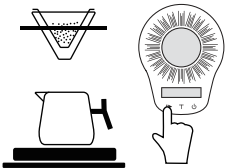
Place the Coffee-Drip Pot back to the Lower Scale, after Auto-Zeroing for Upper and Lower Scale, then enter the next step.



Step 07

Add coffee grinds	Upper Scale	Weight
	Lower Scale	Weight

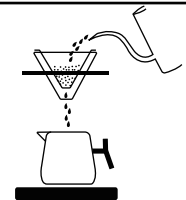
If any disabled Zeroing before this step, please click «T» Button once again for Zeroing, then add coffee grinds into the paper filter after you stop adding, then enter the next step (At the same time, take the Coffee Dripper to adjust Coffee grinds equally, then place it back to the Upper Scale). If the coffee grinded has been put in earlier, the power button can be touched directly into the next step, but because the coffee grinded weight is not recorded, it will not be able to show the ratio.



Step 08

Press "▶" for operation	Upper Scale	Weight
	Lower Scale	Weight

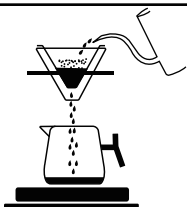
Click the ▶ Start Button to calculate the weight of the coffee grinds automatically. After Zeroing of the Upper Scale, enter next step.



Step 09

Start to pour water	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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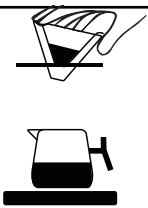
"Start to pour water" will flash on the display once the water starts to drip, move on to the next step when it happens.



Step 10

Drip & Brew Timer	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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It indicates Time of Pouring water, Ratio of water and coffee grinds (weight of Coffee-Drip Pot with liquid/weight of recorded coffee grinds), Temperature of Coffee-Drip Pot and Weight of Liquid (The above setting is for the added weight of the upper / lower scale. If you want to switch different scale weighing, you can also press "Power Button" at any time.



Step 11

Completion for Drip & Brew	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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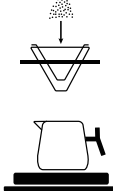
You can stop to pour water, when your requested ratio of water and coffee grinds is attained. There are two methods to complete Drip & Brew, i.e., taking the Coffee Dripper or the Coffee-Drip Pot out. The indicator for "Completion for Drip & Brew" and the indicator for finished time calculating display in turn. The digital data for the Ratio of water/coffee grinds and the added Weight won't be changed while completing. Press the ▶ and hold for 2 seconds to restart.

Professional Mode of Hand-Drip-Brewing Coffee

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From Step1 to Sep7, clicking ► "Start Button" can be switched into the learning mode for Hand-Drip-Brewing Coffee or the professional mode of Hand-Drip-Brewing Coffee.

Please enter directly Step 7" Add Coffee Grinds" for the Professional Mode of Hand-Drip-Brewing Coffee.



Add coffee grinds	Upper Scale Lower Scale	Weight Weight
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Step 07

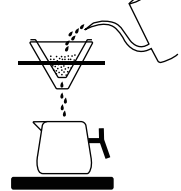
If any disabled Zeroing before this step, please click "T" Button once again for Zeroing, then add coffee grinds into the paper filter after you stop adding, then enter the next step (At the same time, take the Coffee Dripper to adjust Coffee grinds equally, then place it back to the Upper Scale). **If the coffee grinded has been put in earlier, the power button can be touched directly into the next step, but because the coffee grinded weight is not recorded, it will not be able to show the ratio.**



Press "►" for operation	Upper Scale Lower Scale	Weight Weight
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Step 08

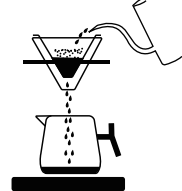
Click the ► Start Button to calculate the weight of the coffee grinds automatically. After Zeroing of the Upper Scale, enter next step.



Start to pour water	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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Step 09

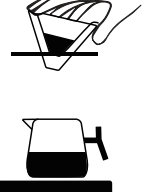
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Drip & Brew Timer	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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Completion for Drip & Brew	Ratio : pure water / coffee bean Ratio : Extracted coffee / coffee bean	Added Weight for the upper and lower scale
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Warning:

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device 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.

RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

Operating frequency : 2402~2480MHz

Max output power : 0.82mW



EU Declaration of Conformity (DoC)

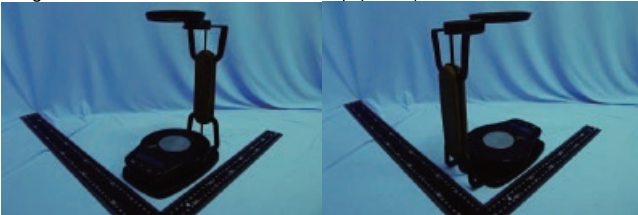
Hereby we,

Name of manufacturer: ULTRAKOKI CO., LTD
Address: 8F-3, No 31, Lane 169, Kangning Street, Xizhi District
Zip code & City: New Taipei City 22180
Country: Taiwan
Telephone number: 886-2-26921152

declare that this DoC is issued under our sole responsibility and that this product:

Product description: COFFEESECRET Smart Coffee Scale
Type designation(s): CS-900
Trademark: ULTRAKOKI
Batch / Serial number: Serial number on the Label of produced

Object of the declaration (further identification of the radio equipment allowing traceability; it may include a color image for the identification of the radio equipment):



is in conformity with the relevant Union harmonization legislation:

Radio Equipment directive: **2014 / 53 / EU**
and other Union harmonization legislation where applicable:

with reference to the following standards applied:

Spectrum : EN 300 328 V2.1.1

EMC : EN 301 489-1 V2.1.1/ EN 301489-17 V3.1.1

Safety (EMF) : EN 62479 : 2010

Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the DoC:

Hardware Version : KP-CH-00003 / Software Version : LNST180109

Signed for and on behalf of: ULTRAKOKI CO., LTD

2019/3/7 Big Liao
Place and date of issue


Name, Function, signature