

COFFEE SCALE

Electronic Scale

Model: DH-8705

Instruction Manual

Thank you very much for your purchase.

For directions on how to use the product,  
please be sure to read the instruction manual.



After reading the manual, store it in a safe place.

MAIN TECHNICAL PARAMETERS AND FUNCTION DESCRIPTION

Thank you for choosing this product. This product is an intelligent electronic scale, which is a multi-functional electronic scale for measuring weight and timing and water speed when making pour-over coffee.And is also the main equipment for making delicious pour-over coffee.It is a multi-functional electronic scale for measuring weight and counting time and water speed when making pour-over coffee, as well as the main equipment for making delicious pour-over coffee. It is also suitable for weighing various ingredients and household related objects in the kitchen.

This product has high precision timing, water speed, water powder ratio, measurement, clearing and other functional display effects. Please do not tilt or shake it during use, and place it on a horizontal hard surface for use.

- Name:Digital Coffee Measuring Scale
- Model: DH-8705
- Color: Black
- Material: PC scale surface
- Executive Standard Number:Q/DHDZ 001- 2016
- Power supply: built-in 3.7V (1500 mAh) lithium battery, Type C charging interface, universal cell phone charging/USB interface to charge the product.
- Weighing requirements: Maximum range1000g/2000g/3000g/5000g, accuracy 0.1g, starting weight 0.5g, error range ±0.5g
- Unit: g/ml(common usage)

|                                |   |  |                               |
|--------------------------------|---|--|-------------------------------|
| KEY<br>FUNCTION<br>DESCRIPTION | <br>Timer key (left) | Click  | Start timing                  |
|                                |   |  | Pause timing                  |
|                                |   | Press and hold 3 seconds   | Time reset                    |
|                                |   | Press and hold for 3 seconds + click<br><br>Press the on/off button to switch<br><br>Five weighing modes | Normal weighing mode          |
|                                |   |  | Italian mode 1                |
|                                |   |  | Italian mode 2                |
|                                | Italian mode (SMART mode)   |  |                               |
|                                | <br>on/off/Reset key | Click  | Power on                      |
|                                |   |  | Reset weight                  |
|                                |   | Double click   | Water injection auto-timer on |
| Water injection auto-timer off |   |  |                               |
| Press and hold for 3 seconds   |   | Power off  |                               |

|                   |  |
|-------------------|--|
| ⏻ On-off          | Turn on / Turn off                     |
| ⌚ shortcut key    | Water injection auto-timer/normal mode |
| ⏻ Tare key        | Reset weight                           |
| ⌚ Timer key       | Start/pause the timer                  |
| ⌚ Countdown key   | Set countdown                          |
| ⌚ Mode switch key | Switch between five espresso modes     |

FIVE WEIGHING MODES OPERATION

In the power-on status, long press the timer key without releasing, click the on/off key, enter the mode selection,the above symbol flashes, then release, from left to right you can click the timer key several times to cycle through the modes (a total of 5 modes, the regular one,and the other 4 modes; if it is regular mode, the value 0.0 is displayed flashing), select and click the on/off key to determine the option, the selected mode light is always on( Regular weighing without mode light ), that is, the mode selection is complete.

Mode 1: Automatic timing + weighing + water speed (Italian mode 1, corresponding to product icon ①)

- Left Display: Timing; Middle Display: Weighing; Right Display: Water Speed

Specific Operation: After clearing, the electronic scale will start weighing and automatic timing when weight is generated (if the weight value does not change in the middle, but the timing function is still on), you can manually pause or clear the timing function.



Mode 2: Automatic timing + weighing + water speed (Italian mode 2, corresponding to product icon ②)

- Left Display: Timing; Middle Display: Weighing; Right Display: Water Speed

Specific Operation: In the clearing status, the first time you put an object on the scale, the value is stable for about 5 seconds, the value flashes and then goes directly to zero, when the weight is generated again,the electronic scale will start weighing and automatic timing (midway if the weight value does not change, but the timing function is still on) You can manually pause or clear the timing function

CO-7/CO-8/CO9

- CO-5: Power Saving Mode ON/OFF.

After switching to CO-5, (timing area: CO-5, the default for the weighing area is 5-ON) (the system has a memory function,display whatever mode the system is in), click on the key to cycle switch 5-ON/5-OFF (5-ON on behalf of power saving mode on, 5-OFF on behalf of power saving mode off, after closing the power saving mode as long as the power is on, the time and water speed area, etc. will always be on ) (If you do not set other parameters, save and exit operation is to long press the timer key) and then set other parameters operation: click the timing key to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

- CO-6: Timing Display Area ON/OFF.

After switching to CO-6, (timing area: CO-6, the default for the weighing area is 6-ON) (the system has a memory function, the system is what mode is displayed), click the on/off key to cycle switch 6-ON/6-OFF (6-ON represents the timing and symbol area on, 6-OFF represents the timing and symbol area off, after shutting down and restarting is also not displayed, unless you enter the menu to restart ), (if you do not set other parameters, save and exit operation is to long press the timer key) and then set other parameters operation: click the timer key to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

- CO-7: Water Speed Display Area ON/OFF.

After switching to CO-7, (timing area: CO-7, the default for the weighing area is 7-ON) (the system has a memory function, display whatever mode the system is in), click on the on/off key to cycle switch 7-ON/7-OFF (7-ON represents water speed and symbols on, 7-OFF represents water speed and symbols off, after shutting down and restarting is also not displayed, unless you enter the menu to restart (If you don't set other parameters, the operation to save the exit is to long press the timer key) and then set other parameters to operate: click the timer key to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

- CO-8: Quick Mode

After switching to CO-8, (timing area: CO-8, the default for the weighing area is 8-ON) (the system has a memory function, display whatever mode the system is in), click the on/off key to cycle switch 8-ON/8-OFF (8-ON for quick mode on, 8-OFF for quick mode off), (if you do not set other parameters, save and exit operation is to long press the timer key ) and then set other parameters operation: click the timer key to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

- CO-9: Units conversion

After switching into CO-9,(timing area CO-9,weighing area display nothing,only unit g) (The system has a memory function, and the system display the unit saved in storage),click the On-off key to cycle switching unit area to display oz / g,(If no additional parameters are set, long press the timer to save the exit)and then set other parameters: click the timer key to switch the next menu CO-1 / CO-2 / CO-3 / CO-4 / CO-5 / CO-6 / CO-7 / CO-8 / CO-9 / CO-10.

- CO-10: Reset mode

After converted to CO-9,(timing area CO-9,weighing area display RESET) hold on 3S without operation,RESET flashing,(if not setup other parameters, click and hold on timing key to store and quit),reset again.

Other parameters operation: click timing key to cycle switching to next menu CO-1/ CO-2/ CO-3/ CO-4/ CO-5/



Mode 3: Automatic timing + weighing + water speed (SMART mode, corresponding to product icon ③)

- Left Display: Timing; Middle Display: Weighing; Right Display: Water Speed

Specific Operation: Before pressing the reset button, the weight will be cleared automatically after each weight change stops for 5 seconds (no matter how many times)

After pressing the reset button, the weight will be cleared, and the scale will start weighing and timing automatically when the weight is generated again.



Mode 4: Water-Powder Ratio Mode (corresponding product icon ④)

- Left Display: Powder-Water Ratio; Middle Display: Weighing; Right Display: Water Speed

Specific Operation: in three steps: put on the hand brewing equipment; rest for three seconds then clear, add coffee powder when clearing; rest for three seconds then clear, after clearing, the weight ratio of coffee powder is displayed as 1,now start filling water, the weight of water will be displayed on the right side, the water-powder ratio will also be displayed (the timing area changes to a display of the water-powder ratio, powder 1 value remains unchanged,and the ratio changes with the weight change)



Mode 5: Normal Weighing Mode

- Left DisplayTiming; Middle Display:Weighing; Right Display: Water Speed
- Water speed is displayed automatically and timing is operated manually



CO-6/ CO-7/ CO-8/ CO-9/CO-10

(Electronic scale:enter into factory setting state,weighing range is the value that set by inner code last time. Default automatically shutdown time is 3 minutes, saving battery mode on, timing area and water speed area on,the connected header frequency band is 0,buzzer on, weighting mode is normal).

(Header:enter into factory setting state,connected scale frequency band is 0,header is in a separate state,only switch key to operate,enter into menu to connect (CO-2) and operate acceptable, other operation invalid.

SAFETY WARNING

- Do not place objects whose weight exceeds the maximum weighing value of the product, as this may cause permanent damage.
- For more accurate and no interference weighing of objects, please avoid using itwhen the charging cable is connected.
- Clean the weighing platform after weighing, and do not leave objects on the weighing pan for a long time.
- If not used for more than 1 month, please keep the power sufficient for daily consumption.
- Prohibit use by children under 12 years old.
- This product is not waterproof, please do not immerse it in water.
- Please store the product in a dry, stable, non-corrosive environment.If you have any questions during operation, please contact related online customer service.

Warranty and Service

Dear Customer, Hello! First of all, thank you for using our company's products, our company's products implement the three guarantees rules, 1 year product warranty from the date of purchase. Warranty service is valid only with the normal use of quality problems, such as the user does not follow the instructions of normal use or man-made and force majeure damage does not belong to the scope of the warranty, if the customer needs to repair, will need to pay the corresponding costs. (The battery is a consumable product, the warranty is half a year)

FUNCTION/SYSTEM SETTINGS

Count/ Countdown Operation

Count: When the power is on, click on the down timer key to start the timing, if you click on the down timer key in the middle of the timing, press and hold for 3 seconds to reset the timing function.

Countdown

Step 1: Press and hold the timing button without letting go, click on/off key to enter into the mode selection, the mode symbol flashes (The corresponding character at the top of the display blinks for whichever mode it was before selecting the mode) and then release the hand;

Step 2: Press the timing key about 3 seconds, enter into the countdown mode, time area "minute area" value flashing, click the timing key to cycle switch value, long press to quickly switch, click the On-off key time area "second area" value flashing, click the timing key to cycle switch value,long press to quickly switch, click ON/OFF key for sure selection, enter into the weighing mode, click the countdown key to start the countdown.

To Enter the Menu Options

- In shutdown status, when 888 is displayed after clicking the on/off key, long press the timer key without letting go (before clearing), enter the menu, display CO-1 (the location of the display is in the timing area, the right scale weight location displays the corresponding parameters, different menus display different), you can click the timer key several times to cycle through the menu options CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/ CO-7/CO-8

Function Representative

CO-1: External Calibration.

CO-2: Clock Head Connection.

CO-3: Buzzer ON/OFF.

CO-4: Adjustment of Shutdown Time.

CO-5: Power Saving Mode ON/OFF.

CO-6: Timing Display Area ON/OFF.

CO-7: Water Speed Display Area ON/OFF.

CO-8: Quick Mode

CO-9: Units conversion

CO-10: Reset mode

- CO-1: External Calibration

Step 1: After switching to CO-1, (timing area: CO-1, the scale area display default is the specification maximum) (the system has a memory function,what value was selected last time will be displayed by default, the initial operation default is the maximum weighing value), click the on/off key to cycle switch 5000.0/3000.0/2000.0/1000.0/500.0/200.0 /100.0/50.0/20.0/10.0/6.0

Step 2: After selecting the value (the first value of the entry menu does not blink without operation,not until the cycle is done),no operation about 5 seconds, after displaying CAL, the value flashes.

Step 3: Then put the corresponding weight on the scale surface.

Step 4: Blinking about 3 times after the display PASS, and then the value does not blink, (to enter the weighing interface, if you have set other menus before then it is considered saved)

\*Press and hold the off key in the middle to shut down and exit directly, the program is not saved

- CO-2: Clock Head Connection.(This function is required package clock header, if no clock header can be ignored this function)

Step 1: After switching to CO-2, (timing area: CO-2, the default for the weighing area is the value 0) (0 represents not connected) (the system has a memory function, what was selected last time is displayed by default, the default for initial operation is 1), click on the on/off key to cycle switch 1/2/3/4/5/6/7/8/9/0 (There are 10 frequencies in total, as soon as you enter this program, the symbol of the display link is the flashing status, 0 represents not connected)

Step 2: Electronic scales and clock head are selected to adjust the same frequency, if successful, the symbol linked to the clock head is always on, if the connection is unsuccessful, the linked symbol keeps flashing, (if you do not set other parameters, save and exit operation is to long press the timer key) and then set other parameters operation: click the timer key to cycle through the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

\*This function is set as long as the connection is successful, regardless of whether it is saved or not, all considered as connected and saved.

\*This function is required package clock header, if no clock header can be ignored this function.

- CO-3: Buzzer ON/OFF.

Step 1: After switching to CO-3, (timing area: CO-3, the default for the weighing area is F-ON) (the system has a memory function, what was selected last time is displayed by default, the default for initial operation is F-ON), click on the on/off key to cycle switch F-ON/F-OFF (F-ON represents turning on the buzzer, the buzzer symbol is displayed after the buzzer is turned on; F-OFF means the buzzer is turned off, and the buzzer symbol is not displayed after the buzzer is turned off)

Step 2: After switching to the buzzer option to be adjusted, (if you do not set other parameters, the operation to save and exit is to long press the timer key) and then set other parameters to operate: click the timer key to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/CO-7/CO-8/CO-9/CO-10

- CO-4: Adjust the Shutdown Time.

Step 1: After selecting CO-4 (timing area: CO-4, the default for the weighing area is 180) (the system has a memory function, what value was selected last time will be displayed by default this time, the initial operation default is 180), click on the on/off button to cycle through the weighing zones of 180/300/600/00/ (00 represents not automatically shutdown, unit: seconds)

Step 2: After switching to the value of the shutdown time to be adjusted, (if you do not set other parameters, save and exit operation is to long press the timer key) and then set other parameters operation:click the timer button to switch the next menu CO-1/CO-2/CO-3/CO-4/CO-5/CO-6/

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.

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

**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.

#### FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in porlable exposure condition without restriction.