MX.COOL

Katze

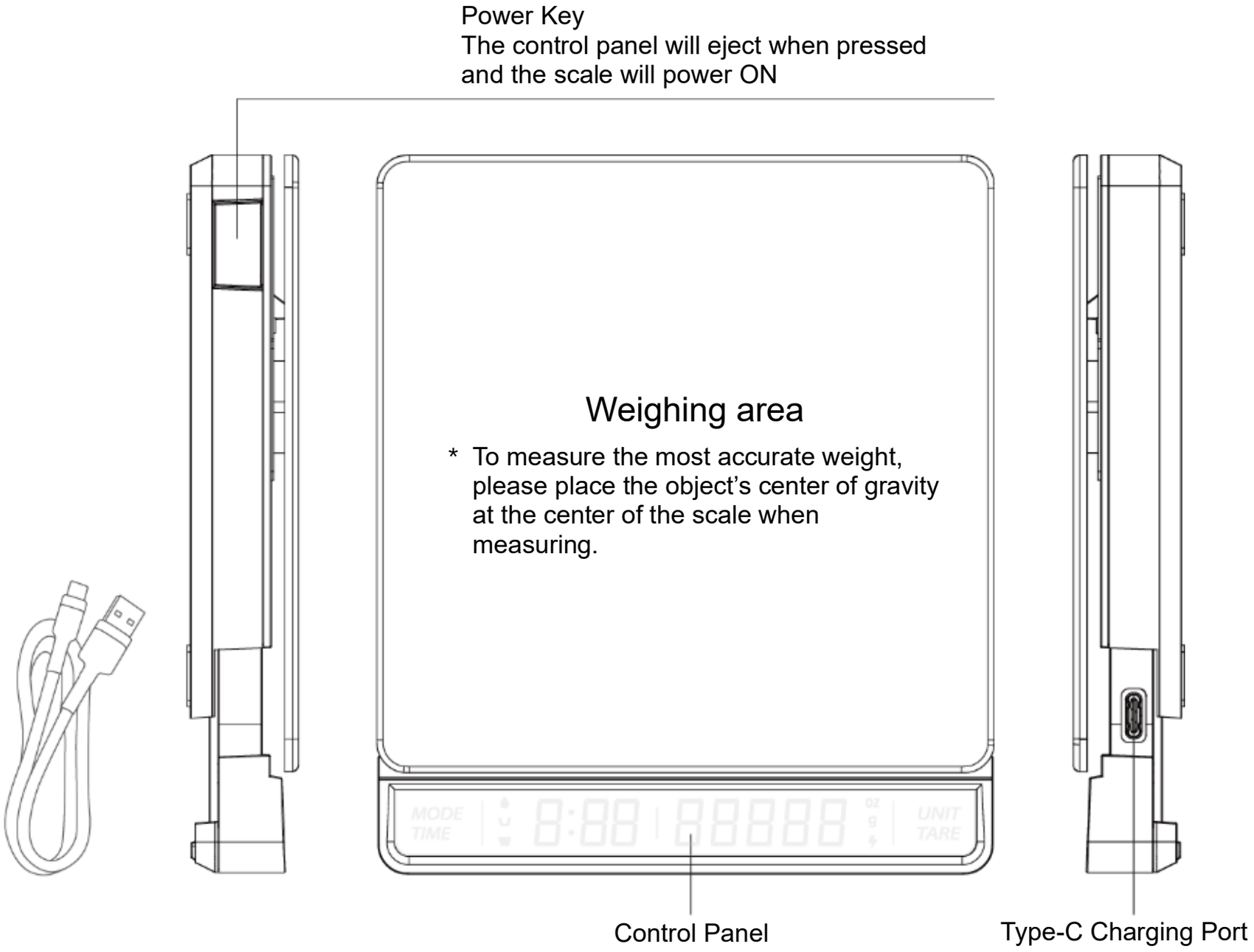
Smart Coffee Scale

User Manual

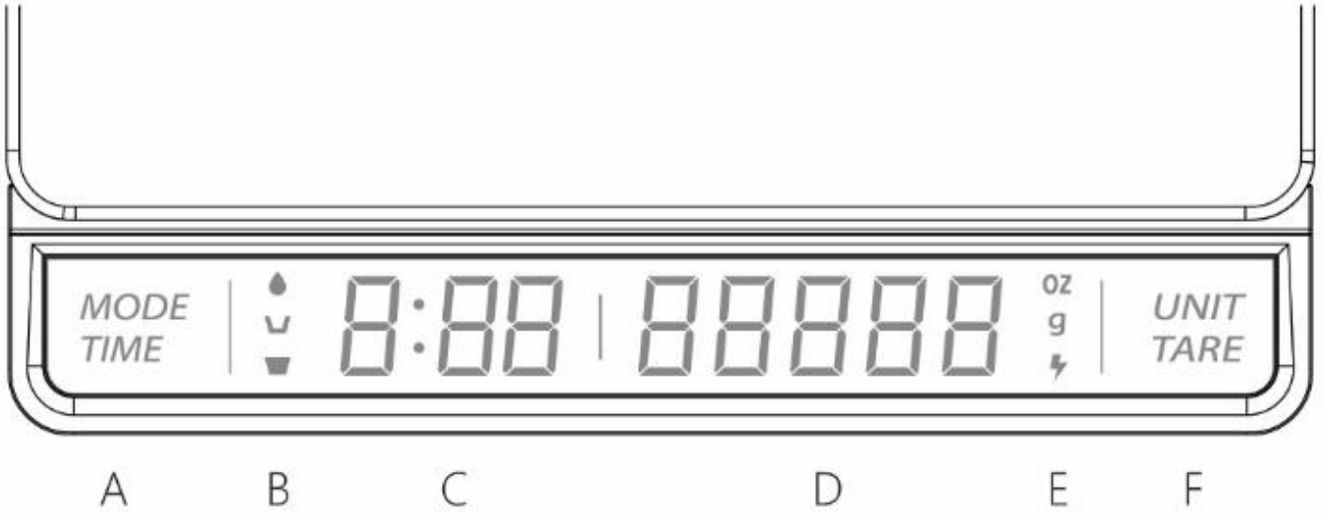
V.1.1 (2022)

Product Introduction

Contents:
S1 Smart Coffee Scale x1
Charging Cable (Type-C) x1
User Manual x1

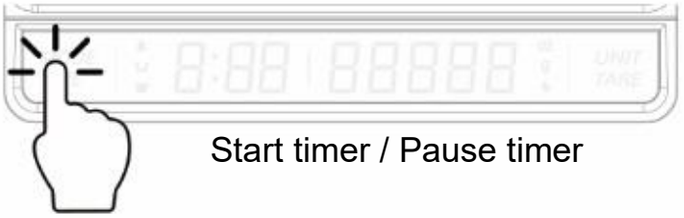


Interface Operation



A	Mode/Timer Key
B	Mode Indicator
C	Time Display
D	Weight Display
E	Status Display Signal
F	Unit/Tare Key

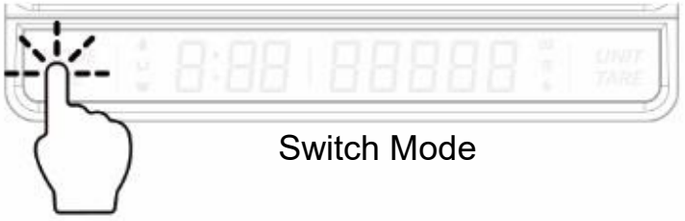
Quickly press once



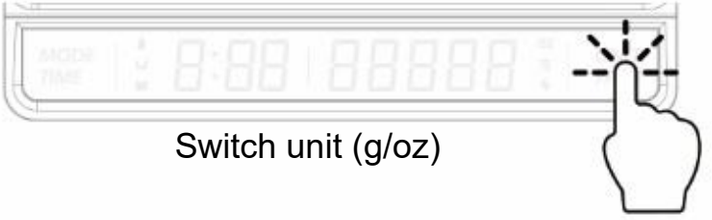
Start timer / Pause timer

Reset weight

Quickly press twice



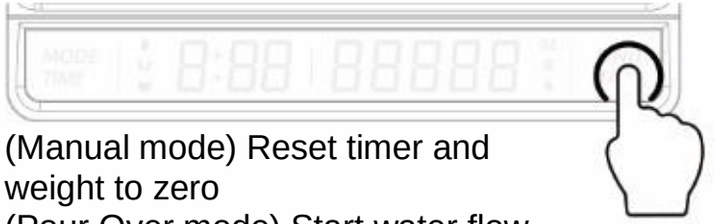
Switch Mode



Switch unit (g/oz)

Long press for two seconds

Timer resets to zero



(Manual mode) Reset timer and weight to zero
(Pour Over mode) Start water flow detection

Product Maintenance

Scale Body Protection	Retract the control panel when not in use; the structure of the scale body will activate the down-press protection.
Energy-Saving Mode	When there is no action for 15 minutes under Power-ON status, the scale will enter sleep mode (touch the “UNIT/TARE” key to wake it up).

Battery Charging	Press the power key to eject the control panel, and connect the charging cable to the TYPE-C charging port on the right to charge the battery.
	• Please charge the battery fully before using it for the first time (it takes approximately 2 hours).
	• Afterwards, the scale can be used while it is charging, and it will not enter energy-saving mode.
	• This product can be charged using the following USB connectors:
	  - USB port of PC or notebook computer
	  - 5V / 500mA USB chargers

Indicator constantly ON: Battery in use
Indicator flashes: Charging

Blue light: Sufficient power (51~100%)
Yellow light: Power warning (11~50%)
Red light: Insufficient power (0~10%)

* If the indicator changes to a constant blue light while charging, it means that the battery is fully charged and the charging cable can be unplugged.

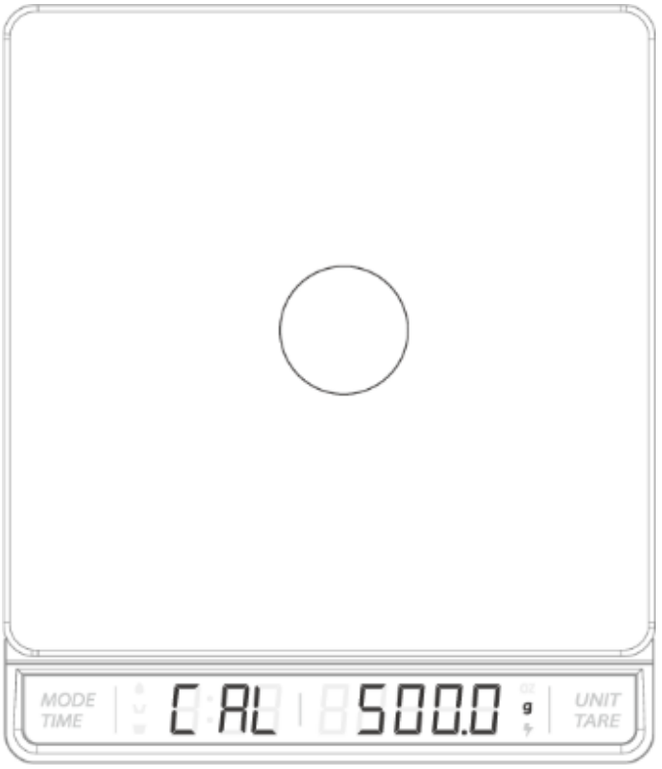
Scale Body Cleaning	Please use a damp cloth or blowball to clean the surface of the scale; do not rinse with water or immerse the scale in water.
Precautions	Please use the scale on a steady tabletop with no vibrations. This product has a precise structure; do not disassemble it by yourself. Prevent fluid from flowing into the gaps on the scale body or charging port; if fluid accidentally entered the scale, please wait until it dries before using the scale again.

Weight Calibration

The coffee scale is a high-precision instrument, its accuracy may be affected due to external forces and other factors such as temperature, vibration, impact, etc. after long periods of use. Therefore, weights are recommended to calibrate the scale periodically to keep it under the best condition.

A Press the power switch, and the control panel will eject (Note: Please place the coffee scale on a flat, stable tabletop).
B Insert the charging cable and connect the power.
C Long press the “UNIT/TARE” key for 5 seconds (Note: Do not place any objects on the weighing pan).

D A flashing “CAL” will display, meaning that the scale has entered calibration mode; wait for the panel to flash until the prompt displays 500.
E Place a 500g weight (Try to place it at the center position).
F Calibrating weight (“500.0” will flash quickly now).



G When “END” displays, it means that calibration has been completed; the machine will return to weighing status automatically after 2 seconds.

Warranty Card

Product Name	Katze Coffee Scale
Machine Serial Number	
Purchase Date	
Dealer Name	

1. Free maintenance services can be enjoyed according to the contents of this warranty should any malfunction occur while the product is still under the warranty period, and was used normally by following the instructions in the user manual.
2. The warranty period is one year starting from the product's purchase date; please include this warranty card when sending the product back for services should any malfunction occur during the warranty period.
3. Free repair will not be given if the following behaviors occurred during the warranty period; the fee will be assessed by the manufacturer for repairs:
   - Damages caused by operations, maintenance, and storage not following the instructions in the user manual.
   - Damages caused by disassembly and modification of the product not authorized by the dealer or maintenance personnel.
   - The information on the warranty card does not match the information on the product.
   - Damage is caused by force majeure, natural disasters, or public hazards such as fire, earthquake, flood, etc.

Customer service E-mail: mxcoolstudio@gmail.com

Weighing

The coffee scale has a total of four modes (Manual Mode, Pour-Over Mode, Espresso Mode, and Pre-Infusion Mode) in response to the different brewing methods; the followings are the detailed descriptions of each mode:

- Quickly press “MODE/TIME” 2 times to switch between the four weighing modes.
- Every time the scale is powered ON, it will execute the last mode used.
- The maximum weight display is 2000g/70.54oz; the screen will display “----” if exceeded the maximum weight.
- The maximum display time of the timer is 9:59.
- The weighing unit can be switched under all four modes (The Korean and Japanese versions do not have this function and will only display in grams).
- Quickly press “UNIT/TARE” 2 times to switch between gram (g)/ounce (oz).

Weighing unit: gram / Weight display “0.0”

Weighing unit: oz / Weight display “0.000”

Manual Mode

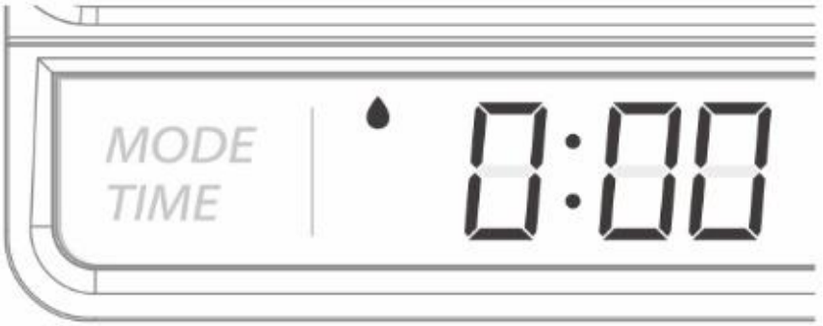
Manual mode is the default mode when using it for the first time; the left side is the manual operation of the timer, and the right side displays the weight.

Timer start/Pause: Quick press
Reset timer to zero: Long press for 2 seconds

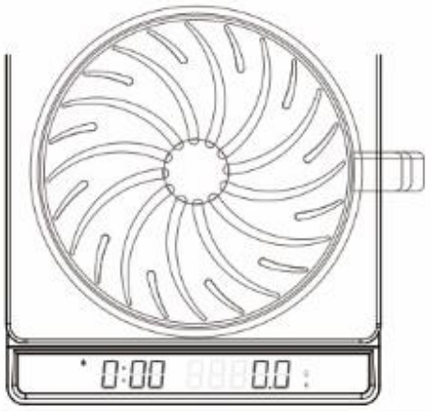
Reset weight to zero: Quick press
Reset all to zero: Long press for 2 seconds

Pour Over Mode

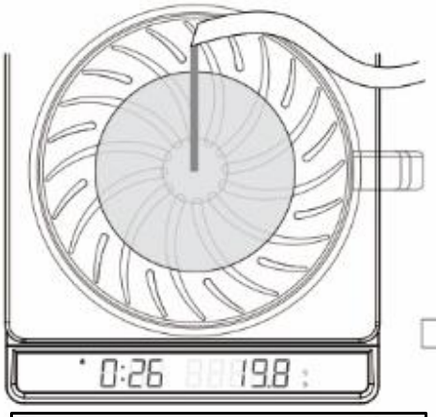
After detection is activated under this mode, the timer will start automatically when water flow is detected; when brewing is complete, press “MODE/TIME” to lock the completion time and weight display.



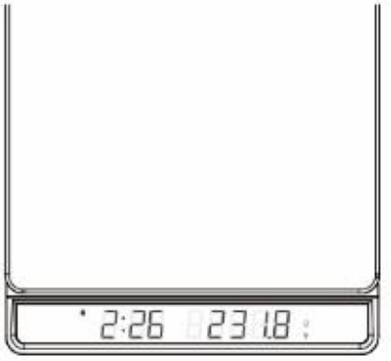
- Quickly press “MODE/TIME” 2 times until switched to Pour Over mode.
- Displays Pour Over mode indicator.
- Long press “UNIT/TARE” for 2 seconds to activate water flow detection; a flashing “0.00” will be displayed for the time, waiting for water injection.



At this time, water flow detection is not yet activated and normal weighing and reset operations can be performed.

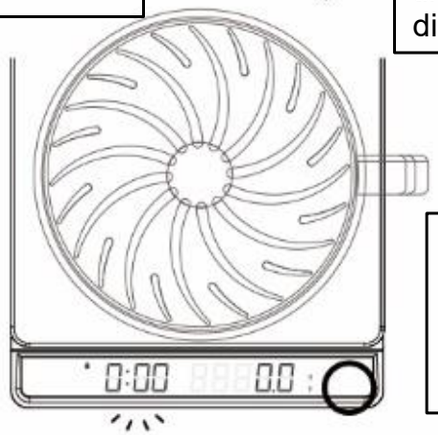


When water flow is injected, the timer will start automatically and the real-time weight will be displayed.



Press “MODE/TIME” to lock the display of the completion time and weight.

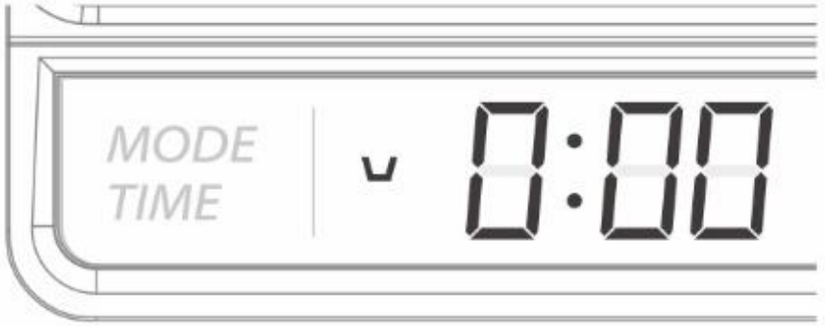
The time and weight will be reset to zero when a empty container is placed on the scale for the next brew cycle.



Long press “UNIT/TARE” for 2 seconds to activate water flow detection; a flashing “0.00” will be displayed on “MODE/TIME”.

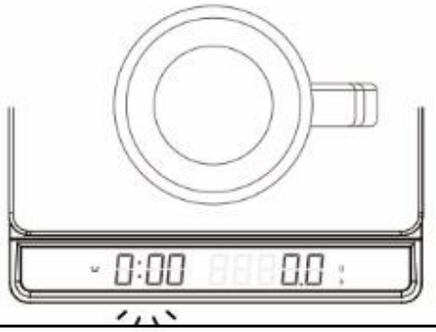
Espresso Mode

This mode is for extracting espresso; tare weight will be deducted automatically when the weight of the cup is sensed, and the timer will start automatically when it senses the coffee liquid.
The timer will stop automatically when extraction ends, and it will lock the completion time and weight display.

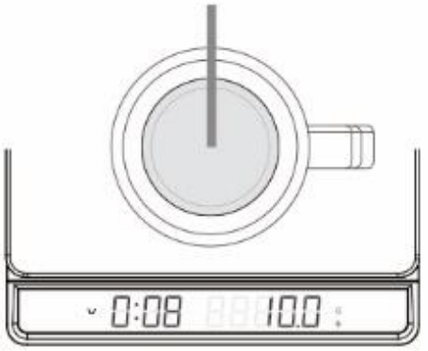


- Quickly press “MODE/TIME” 2 times repeatedly until switched to Espresso mode.
- Espresso mode indicator is displayed.

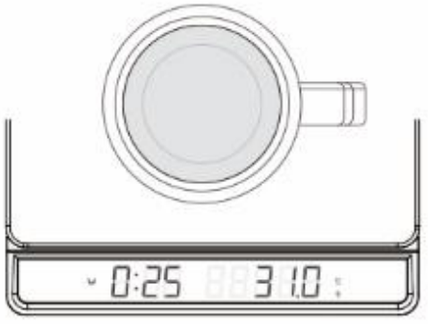
When switched to Expresso mode, the time and weight displayed will be reset to zero.



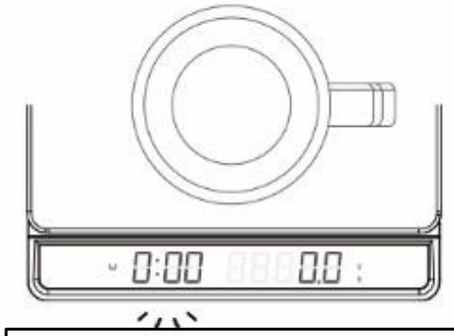
The weight will reset to zero automatically when a cup is placed on the scale, and the time will flash, showing that water flow detection has activated.



When the coffee liquid starts extracting, the timer will start automatically and the real-time weight will be displayed.



The timer will stop automatically when extraction has ended, and will lock the display of the time and weight.

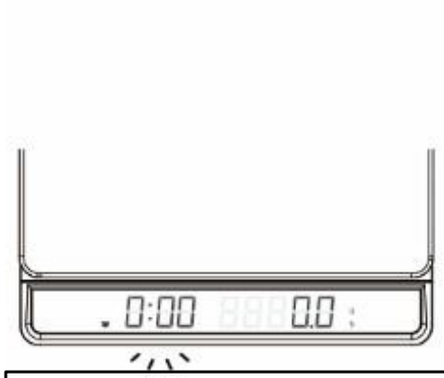


Place the next cup on the scale, and the time and weight will reset to zero automatically, timer will start flashing and activate detection for the next cycle.

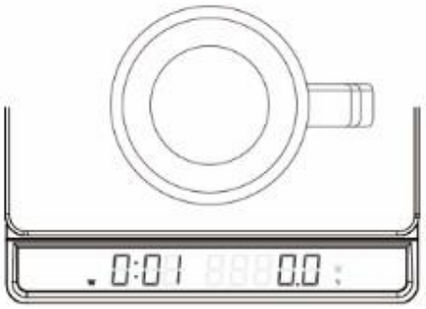
Pre-Infusion Mode

This mode is for extracting espresso when there is a need for pre-infusion; extraction will start automatically when a cup is placed on the scale. The weight of the cup will be deducted automatically when sensed, the timer will start at the same time. The timer will stop automatically when extraction ends, and it will lock the completion time and weight display.

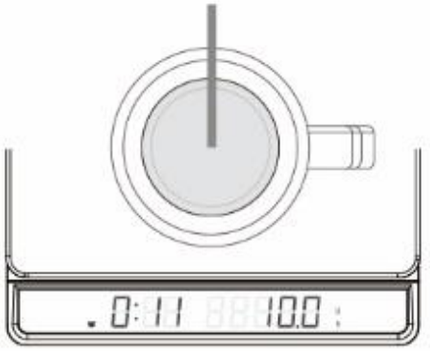
- Quickly press “MODE/TIME” 2 times repeatedly until switched to Pre-Infusion mode.
- The Pre-Infusion mode indicator is displayed. ▬



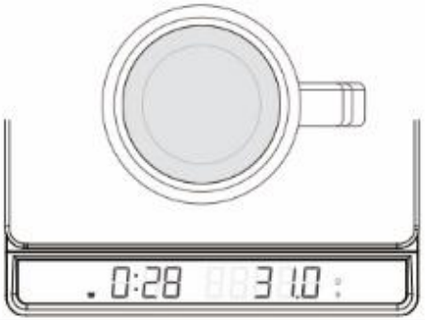
When switched to Pre-Infusion mode, the time and weight displayed will reset to zero, and the timer display will start flashing.



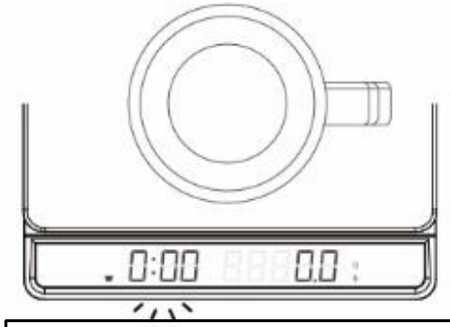
The weight will reset to zero and the timer will start automatically when a cup is placed on the scale; water flow detection will also be activated.



The timer will start automatically when the coffee liquid starts extracting, and the real-time weight will be displayed.



The timer will stop automatically when extraction ends, and it will lock the display of the time and weight.



The weight will reset to zero when the next cup is placed on the scale, the timer start flashing, and detection of the next cycle will be activated.

Product Specifications

Product Dimensions	120.5*120.5*21.7mm	
Product Weight	378g	
Weighing Unit	Gram (g)/Ounce (oz)	
Maximum Weight	2000g / 70.54oz	
Weight Scale Value (Sensitivity)	0-200g	0.1g
	200-500g	0.5g
	500-2000g	1g
Input Voltage	DC 5V / 500mA	
Battery	Lithium polymer battery, 420mAh	
Control Panel	Seven-stage LED display / Capacitive touch keys	
Standby Time	Standby time is approximately 1,000 hours under OFF status after fully charged.	
Operating Temperature	15 °C ~40 °C	
Weighing Pan	Aluminum alloy + Stainless steel	
Scale Body	ABS+PC	

Declaration of Use
This manual is the user manual for the Katze Smart Coffee Scale; please use the product by following the instructions in this manual. Damages caused by human error or failure to follow the instructions in the product manual will not be covered by the product warranty.