

**Italian semi-automatic coffeemachine
user manual**

Model: KS530



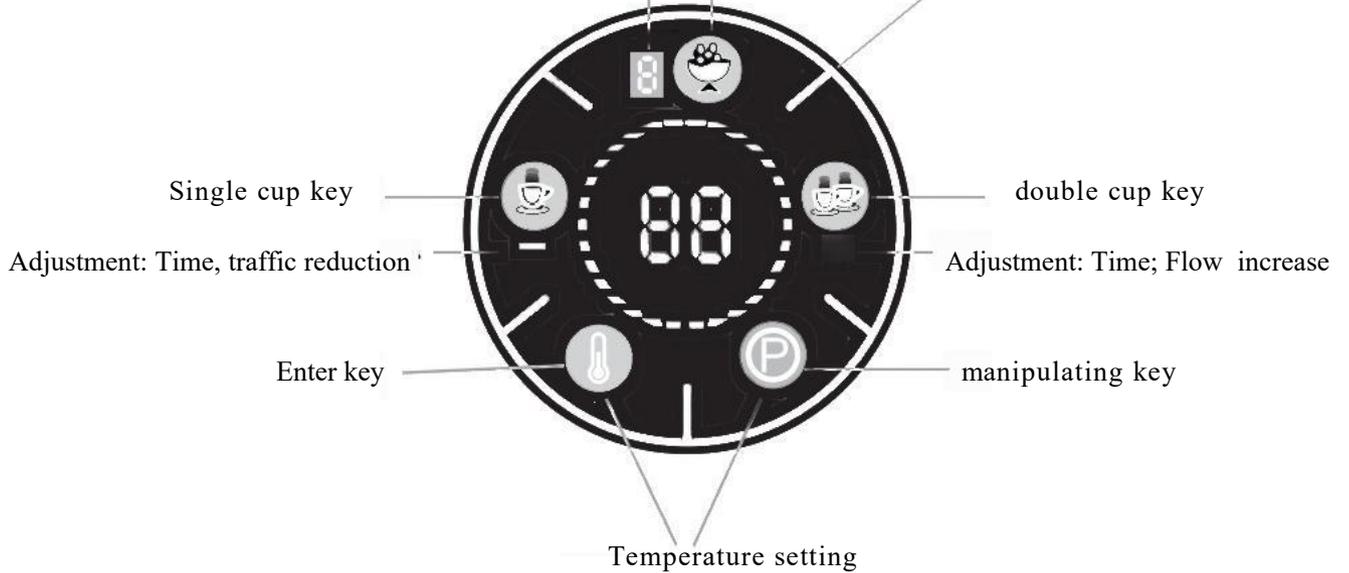
Model: KS535



Display: Number of pre-soaking
times in heated state

tea extraction button

Function display: temperature; Seconds
Extraction time of coffee; Fault codes



Preface

Welcome to choose our company's products. From this moment on, you have become a member of our company's users .We will continue to provide you with the most satisfactory products with the best quality and service.

If you need help or have any special suggestions during use, please contact our company or our company in a timely manner .Authorized dealers are contacted, and our company will discuss and negotiate with you with a sincere attitude to provide you with .Provide better products and services.

Catalogue

- 1、 Installation instructions
- 2、 Instructions for use
- 3、 Safety warning instructions
- 4、 Cleaning and maintenance instructions
- 5、 Common troubleshooting instructions
- 6、 Technical parameters

Caution: Please read this manual carefully before using this device!

1、 Installation instructions

- 1.** Please remove the packaging materials and unnecessary stickers and ties first.
- 2.** Please place the machine in a well ventilated, dry, and stable position about 800-1000 mm above the ground (depending on the operator's height)to be used on a specific workbench.
- 3.** Connect the inlet hose of the accessory to the inlet of the machine, connect the water source, and note that the water pressure of the connected water source is one Be sure to be below 3 Bar (<3 Kg).
- 4.**Connect the accessory drainage hose to the drainage pipe of the machine, tighten the clamp, and place it in the drainage channel or water container.
- 5.** Please have professional electrical installation technicians connect the power supply to this machine. The power supply used for this machine is 220V -240V, 50 Hz, two-phase three wire. It is recommended to use the national standard 2.5mm for the incoming line of the power supply ² The above copper core cables. The end of the power supply.A 16A-25 A protection switch needs to be installed at the end, and reliable mgrounding protection is required.
- 6.** Before connecting the power supply, be sure to carefully read the wiring diagram attached to this manual, and distinguish between the neutral wire N (commonly known as the neutral wire) and the phase The color of line L (commonly known as live wire) is used to avoid errors and unnecessary losses.
- 7.** After checking and confirming that the water source and power supply are connected correctly, the panel screen light will light up to display the temperature, and the machine will enter standby mode Working status.

2、 Instructions for use

1.

First, connect the water inlet pipe of the machine. This is the water inlet pipe. Note that the water circuit connection pipe of the water purifier cannot be connected with a single pipe, otherwise it will affect the normal performance of the machine. The noise is abnormal, and the standard inlet pipeline connection is either a 3-branch or 4-branch pipe.



2.

The drainage pipe must be installed smoothly and cannot be pressed or arched by objects. It must be kept smooth, otherwise it will affect the drainage of the water basin and cause waste Overflow outward.



1. Right lower front open



The switch power supply automatically detects the water level, but the water level is insufficient, or a new machine starts up

It will automatically detect the water level to achieve the pumping function, and stop pumping when the pumping is completed to the limit position.

During the pumping process, you can observe the status of the pressure gauge pointer on the left

2. side of the panel. The white pointer on the black circular



gauge represents water

pressure, while the red



pointer on the right black circular gauge represents steam

pressure.

3. After the pumping is completed, it will automatically heat up, and the large blue circle on the display screen will dynamically display the heating of the coffee pot, The middle number displays the temperature of the coffee pot, and the top 8 is the steam pot during dynamic operation Heating, stop heating when the temperature reaches 130 degrees, display 0, and both steam and hot water can be heated at this time Normal use.

4. The flow rate of brewed coffee is displayed in seconds.

5. Single cup coffee brewing flow setting: Prepare the handle, electronic scale or measuring cup first, Fill the coffee powder, press the powder, fasten the brewing

head, long press the cup volume button. When the coffee liquid flowing out is at the desired flow rate, release the finger of the button,

After setting the flow rate, the data will be automatically memorized and saved. The next time you brew coffee directly, just lightly press the previously set cup volume button. Special reminder, when setting

When the set flow rate is greater than or less than the set 5ML,

please recalibrate the flow rate value several times.

6. Double cup coffee brewing flow setting: Prepare the handle, electronic scale or measuring cup first, Fill the coffee powder,

press the powder, fasten the brewing head, long press the cup volume button



, and let it flow

the coffee liquid that comes out is when you want the desired flow rate, just release the finger of the button. After setting the flow rate, it will automatically remember and save the data. The next time you directly brew coffee, just lightly press the cup volume button that was set last time. Special reminder, please recalibrate when the set traffic is greater than or less than the set 5ML secondary flow rate value.

7. Manual  Key: Click to release water, then click to close, long flow hydraulic power yes, not calculating the flow rate.

8. Tap the button icon once to enter the coffee or tea extraction function, depending on your settings Is it extracting tea or coffee.

9. Set the water output for coffee extraction. Prepare a measuring cup or electronic scale, press and hold the icon button, and fasten the handle that contains 18 grams of coffee powder to the brewing head. Release the handle directly when the coffee liquid reaches the desired weight data. The system will automatically remember your set weight. The next time you use it click the icon key once to access the water weight data you set last time.

10. Pre soaking setting for coffee extraction: Quickly double-click the button icon twice to enter the pre soaking time setting. The single cup and double cup icons can add or subtract time (single cup reduces time, double cup increases time) The time is displayed on the two digital tubes in the middle, with a minimum value of 00 seconds and a maximum value of 60 seconds, It can be set from 0 to 60 seconds, and usually the pre soaking time for coffee is set to 4 seconds. During the process of setting the pre soaking time, press the position of the temperature icon on the lower left foot of the panel to confirm the setting The parameters will be automatically confirmed if you do not press the confirm button and wait for 3 seconds. No confirmed parameters, medium. The content of the exit setting is invalid.



11. Pre soaking time setting for tea extraction: Quickly double-click the button icon twice to enter pre soaking. The setting of soaking time is shown in the small 8, which indicates the number of pre soaking stages. Usually, the first stage of tea extraction is set to zero, and the pre soaking time can be set from the second stage, which can range from 0 to 60 seconds, for a total of 5 stages. After setting the pre soaking time for the second stage, you need to enter the third stage setting. Click the button icon next to the small 8 once to enter the pre soaking time setting for the third stage, and set the fourth and fifth stages. The soaking time is the same as the previous setting method. (Important reminder: Set pre soaking) During the time process, press the position of the temperature icon in the bottom left corner of the panel to confirm the set parameters. If you do not press the confirm button and wait for 3 seconds, it will automatically confirm. No confirmed parameters, setting for midway exit the content is invalid.



12. Set the water output for tea extraction, prepare a measuring cup or electronic scale, and long press the icon to press After reaching the desired weight data, simply release the button and the

system will automatically remember your set weight. Next time you use it, click the icon button to enter the last set weight water weight data.

13. Temperature setting:



Symbols and buttons



Two icon buttons

Press and hold for 3 seconds at the same time to enter the temperature setting. The single cup and double cup icons can increase or decrease the time (single cup reduces temperature, double cup increases temperature), with a minimum value of 85 degrees, a maximum value of 95 degrees, and a medium value. The two digital tubes between will directly display the temperature for your reference, which can be set from 85 to 95.

14. The middle two words display temperature, coffee extraction time, fault code, etc Automatic content switching.



15. This digital display shows the pre soaking stage and the dynamic display of steam heating.

16. Pull the pull rod steam handle  forward at a 45 degree angle to reach maximum steam, You can also slowly increase the amplitude.

17. Pull the lever type hot water handle  forward at a 45 degree angle to reach maximum steam, You can also slowly increase the amplitude.

18. Drainage function: When it is necessary to discharge the wastewater from the boiler after cleaning the boiler, remove the water collection tray and install a drainage valve at the bottom of the machine. 1. Open the drainage valve switch in a clockwise direction to discharge the water from the boiler, and counterclockwise



Turn the needle upwards to turn off the boiler drainage.

This switch is only used for cleaning the boiler and is usually turned off.

(Special reminder: When discharging water from the boiler, be sure to disconnect the power supply, open the steam handle, and wait for the steam to be discharged before opening the drain valve to discharge water, otherwise hot water will splash out.)

It can pose certain risks to the human body

3、 Safety warning instructions

1. When cleaning, repairing, or moving this product, be sure to disconnect the power and water source.
2. Do not use wet hands to come into contact with switches, cables, etc. that are electrified. If there is no operator watching or if they are not used for a long time, please disconnect the power source.
3. It is necessary to regularly check the working status of cables or power supplies. If cracks, aging, or overheating are found, it is necessary to be professional .Personnel should replace or repair in a timely manner.
4. This product cannot be directly rinsed with water.
5. To effectively maintain and maintain the service life of this machine, please be sure to install filters to reduce the amount of oil in the inner tank and various pipelines fouling or blockage of water quality.

4、 Cleaning and maintenance instructions

1. The drainage valve is located  30mm below the bottom right of the machine. Turn the switch clockwise to drain the water from the boiler,

Turn off the switch counterclockwise. This switch is only used for cleaning the boiler and is usually closed.

2. Before cleaning and maintenance, make sure that the power supply is disconnected. The detergent used for cleaning must be non-toxic non corrosive neutral detergent.
3. Regularly drain and replace the water inside the inner tank, open the steam valve, turn off and unplug the power supply, drain the steam inside the tank, and then turn on the air conditioner open the water valve.

5、 The following common troubleshooting instructions

Fault code description:

Fault codes	Function Description Corresponding to Fault Code
E1	E1 is a temperature sensor issue; Not properly inserted, Or there may be a sensor malfunction
E6	E6 single head KS530 steam tank water shortage, middle digit Display E6 flash
E7	E7 double headed KS535, right steam tank lacks water, middle Digital Display E7 Flash

Note : Before requesting maintenance, please carefully check for the above faults and follow the instructions for appropriate handling.

Fault phenomenon	Fault causes and handling instructions
Pumping does not stop	<ol style="list-style-type: none"> 1) The water inlet indicator light shows the pumping status and does not stop pumping. First, check whether the inlet pipe is connected to the water source or whether the inlet water source is turned on, 2) Check if the boiler water level probe is properly inserted. If the water level probe is not properly inserted, water will overflow from the boiler. In this situation, it is necessary to check whether there is scale on the water level probe, and the probe can be wiped clean before continuing to use. 3) Check if the bottom drain valve switch of the machine is in the closed state. 4) Is the zero wire of the probe grounded.
The body is charged	The induction voltage of the microcomputer controller should be less than 110V. If it is greater than 110V, stop using it immediately and disconnect the power supply. Ask professional technical personnel for maintenance and check whether the power grounding meets the standard.
No heating, no water temperature	<ol style="list-style-type: none"> 1) The screen is showing heating status but there is no increase in water temperature. Check if the pressure switch and temperature control are connected Okay, 2) Check if the heating tube is powered on. 3) Check if the temperature control is turned on.
No steam produced	1) First, check the pressure pointer on the pressure gauge to see if there is boiler pressure. Ensure that the steam switch is turned on and there is no steam output. Check if the steam valve motor wiring is properly plugged in, then unplug and plug it back in.
The brewed coffee head does not produce water	1) Firstly, confirm if the water source is connected and remove the air (press the coffee button multiple times to remove the air). 2) Check if the water pump motor is working, and also check if the solenoid valve of the boiling head is energized.
High noise level	There is a lot of noise inside the casing. Open the casing and check if the fixing shock absorption screws under the motor are broken or loose.
Filter effluent decreases	<ol style="list-style-type: none"> 1) The water output of the filter has decreased. Check if the filter under the water outlet seat is blocked by coffee grounds (remove the filter with a tool and clean the residue on the filter with a brush). 2) Unscrew the screw at the top of the filter to check if it is blocked, 3) Unscrew the screw on the right side of the filter and check if it is blocked.

Note : Before requesting maintenance, please carefully check for the above faults and follow the instructions for appropriate handling.

6、 Technical parameters

Product model	Packaging size (mm)	External dimensions (mm)	frequency (Hz)	Rated voltage (V)	Rated total power Rate (KW)
KS530	wooden crate 670*755*670mm air box 580*670*560mm	438 * 560 * 450	50	220V	3000W

Product model	Packaging size (mm)	External dimensions (mm)	frequency (Hz)	Rated voltage (V)	Rated total power Rate (KW)
KS535	wooden crate 690*820*675mm air box 810*565*670mm	660*560*450	50	220V	6000W

Coffee machine factory inspection report

Order number		model	Fuselage weaving Code:	
Inspection items order	Internal inspection Volumetric measurement	quantity	Result	
1	Overall appearance		Perfect mouth, good mouth, average mouth; It can be achieved through	
2	Boiled head		Perfect mouth, good mouth, average mouth; It can be achieved through	
3	Steam pipe		Perfect mouth, good mouth, average mouth; It can be achieved through	
4	Hot water pipe		Perfect mouth, good mouth, average mouth; It can be achieved through	
5	Steel wire braided water inlet hose		A good mouth can pass through	
6	Steel wire odorless drainage pipe		A good mouth can pass through	
7	Connect the plug and power cord properly ()		A good mouth can pass through	
8	Tighten all wiring, screws, and nuts		Oral passage	Oral remarks
9	Writings, dirt, scratches		Mouth absent	A light and gentle mouth can help adopt
10	Whether the sealing of each pipeline interface is leaking		Mouth absent	Oral passage

11	Whether there is air leakage in the sealing of each pipeline interface		Mouth absent	Oral passage
12	Water level detection work		Normal mouth	Oral remarks
13	Steam pressure value 1.1~1.5		Normal mouth	Oral remarks
14	Coffee extraction pressure Value 9~9.2		Normal mouth	Oral remarks
15	Turn on and off each touch button		Normal mouth	Oral passage
16	Motor and water pump working		Normal mouth	Oral passage
17	Increase and decrease in traffic functional testing		Normal mouth	Oral remarks
18	Abnormal noise of the entire machine		Normal mouth	Oral remarks
19	Continuous operation of the entire machine 24-hour test		Oral passage	Oral remarks
20	Opening time:		End time:	
21	User manual		Mouth has	Spoken in Chinese and English
22	Certificate of conformity		Mouth has	Spoken in Chinese and English
23	Warranty Card		Mouth has	Spoken in Chinese and English

24	Packing list		Mouth has	Oral remarks
25	Power nameplate		Mouth has	Oral remarks
26	Photo of the overall appearance of the machine		Mouth has	Oral remarks
27	Film protection for all accessories of the entire machine		Oral passage	Oral remarks
Inspector's signature			Failed to pass through the mouth and release the mouth	
III General Quality Inspection Signature			Oral approval, oral recognition, delicious for certain reasons	

Coffee machine packaging information

client		model	Ks535	delivery date	
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Coffee machine packaging list

Number	Product Name	model	unit	quantity	take care
1	Coffee machine		set up	1	Standard configuration from 1 to 15
2	plug	16A3 pin	PCS	1	() pcs
3	Water pipes	4cm ϕ	PCS	1	() pcs
4	Drainage pipe	16#	Pcs	1	() pcs
5	Boiled head		Pcs	2	() pcs
6	Steam rod		Pcs	2	() pcs
7	Hot water bar		Pcs	1	() pcs

Number	Product Name	model	unit	quantity	take care
8	Single nozzle handle	58m M	set up	1	() pcs
9	Double nozzle handle	58m M	set up	2	() pcs
10	Filter screen Sealing ring	58m M	Pcs	1	() pcs
11	Water level, safety valve exhaust valve sealing ring	16*2 4	Pcs	3	
Inspection results		Complete accessories; Delivery License			
Inspector		confirm			
date		date			

Coffee machine packaging information

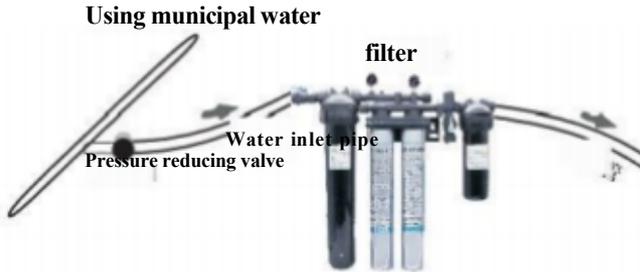
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4	Drainage pipe	16#	PCS	1	() pcs
5	Boiled head		Pcs	1	() pcs
6	Steam rod		Pcs	1	() pcs
7	Hot water bar		Pcs	1	() pcs

Number	Product Name	model	unit	quantity	take care
eight	Single nozzle handle	58m M	set up	1	() pcs
nine	Double nozzle handle	58m M	set up	1	() pcs
ten	Filter screen Sealing ring	58m M	Pcs	1	() pcs
eleven	Water level, safety valve exhaust valve sealing ring	16 * 2 4	Pcs	3	
Inspection results		Complete accessories; Delivery License			
Inspector		confirm			
date		date			

Installation process diagram



Protection switch or socket

Coffee machine power cord

Pipe weep

matters needing attention

1. The direct inlet pressure of the coffee machine should be less than 3 bar. If it is greater than, a pressure reducing valve for the outlet pipe must be installed and lowered to below 3 bar
2. When powering on, please confirm whether the power supply voltage matches the required voltage for use on the machine. The positive and negative poles of the power supply and the ground wire must be correctly connected to ensure safe use of the machine;
3. It is recommended to install a filter with soft water, ceramic, and filtering functions in front of the coffee machine inlet pipe to protect and extend the service life of the coffee machine.

Product warranty card

Product Name		model	
customer	name		Purchase date Year Month Day
	telephone		
	address		
Original purchasing distributor	Store name		Service phone number
	address		
Warranty content	<p>Thank you for choosing the "Our Company" series of products. If there is a malfunction during normal use, you can enjoy free maintenance for one year from the date of purchase with this warranty card and purchase invoice. If you receive the following conditions from Zhibao, although there is a warranty period, material or service fees may also be charged. We apologize for any inconvenience caused</p>		
	1. Improper human use and operational errors causing damage:		
	2. Those who repair or modify the surface themselves and experience malfunctions:		
	3. Damage caused by fire, geological changes, etc.: Our company reserves the final interpretation right for the above content		
Repair point			

