

# USER'S MANUAL

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## I Dear User,

Thank you for you choosing our micro-computer induction cooker. In order to give you a deeper comprehends and right use, enjoying modern life, please read this manual first.

## II Induction cooker work theory

This micro-computer induction cooker transfers the power into high frequency wave. Magnetic force line produced by loops will through bottom of steel pans making high efficient electrical backset. This way will reduce quantity of heat in translating and make high heating efficiency.

## III Product features

Safe-----more than ten safe protect sets to keep safe, such as avoid magnetic force leaking out, over voltage, over circuit, less voltage, over temperature, electricity surge, no pan automatic shutting off

Environment protecting-----pans produce heat. No fire, no smoke, no harmful smoke such as CO

Intelligent-----all functions are controlled by micro computer

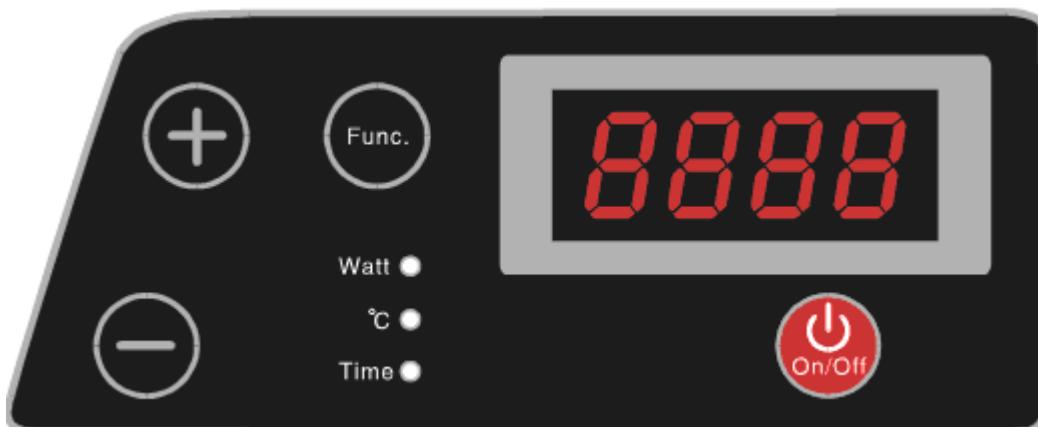
Clean-----plain design, easy to clean

High efficiency-----high heat efficiency, save electricity

## IV Operation and usage

1. put suitable pans on the central of induction cooker.
2. connect with power, the power indicator or display screen will shine.
3. press on/off button, The machine enters into waiting status. press function button or choose other cook models, induction cooker will start to run.
4. after cooking, press on/off button to shut off machine.
5. Please use appropriatevepan or pans supplied by the original factory.
6. Please make the machine repaired or exchanged in the professional shops.

## V Panel instruction



## BS20-SC1 Use manual:

- (1) “-”: Refers to the decrease of the power temp. and time.
- (2) “+”: Refers to the increase of the power temp. and time.
- (3) FUNC: Press is to exchange between power、Time and temp.’s adjusting.
- (4) ON/OFF: Refers to starting or cut the power. press on/off button, machine will enter into waiting status. At this time, on/off indicator or display screen will shine, waiting for user’s operation. If user does not do any operate within 1 minute, machine will go back to off status automatically, and the power indicator or display screen shines.
- (5) Three function lights refer to power(WATT),temp. (°C) and time (TIMER)

## VI Security Protection

**Small part Check:** The hummer happens every two seconds and no power output and then power off automatically when the measure of the pan is less than 8 cm.

**Inferior material check:** The hummer happens every two seconds and no power output and then power off automatically when the pan used be made of non-steel material or the concave is too serious.

**Surge protection:** The hummer happens when there is a sharp-pulse in the power supply and stop work, the machine is working normally when the sharp-pulse disappears.

**IGBT Sensor Open protection:** The machine will be no power output when the IGBT Sensor open works in order to protect the IGBT.

**The bottom Over-Temperature protection:** The machine will heat spasmodically when the temperature on the bottom is more than 280°C.

**Bottom Sensor Open protection:** The machine will protect itself immediately or 3 minutes later when the Sensor Open works.

**IGBT over-temperature protection:** The machine will heat spasmodically when the temperature is higher than 100°C and continue to heat when the temperature is less than 100°C.

**High voltage protection:** The machine will stop working when the voltage input is higher than 265v automatically.

**Low voltage protection:** The machine will stop working when the voltage input is lower than 155v automatically.

**Remarks:** The induction cooker will go back to the original function after the voltage is in gear when under the high/low voltage protection.

## VII Advert and safe notice

1. When using induction cooker, please only use the special electrical outlet, do not use together with other appliance to avoid over heating.

2. For can foods, please open cover first, and then heat
3. Please do not heat tinfoil paper directly or indirectly. Please do not put cloth, paper and cushion, ect. on the board for heating indirectly, to avoid over heating of bottom of induction cooker.
4. When use, please do not put metal stick or other things in aspiration and exhaust channel.
5. If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
6. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
7. **WARNING**-If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
8. Metallic objects such as knives, forks, spoons and lids should not be placed on the hotplate since they can get hot.
9. The temperature of accessible surfaces may be high when the appliance is operating.
10. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
11. Children should be supervised to ensure that they do not play with the appliance.

#### **VIII Notice for environment and induction cooker**

1. Please do not use near water to avoid water flying into machine, making damage to inside machine and causing damage.
2. When using induction cooker, distance between wall and machine should be less than 10 cm.
3. When using induction cooker, please do not put metal matters and magnetic force matter on it to prevent from damage.

#### **IX NOTICE:**

1. Before clean machine, please make sure the power is not connected
2. Please choose neutral cleanser to clean oil
3. Light blemish can be cleaned by wet cloth
4. Put out plug when do not use
5. Keep induction cooker clean, avoid small animals into machine.
6. Please do not wash or clean machine by water directly
7. Please clean on time for board and bottom of machine
8. You can use dust collector or cotton stick to clean dust

9. do not use benzene or other chemical physic to clean

## X Choosing right pans

	Material	Shape	size
Suitable pans	304 steel pan,403 steel pan Porcelain enamel Cast iron	Flat pan	Diameter:12-28cm
Unsuitable pans	Heat tolerance glasses,Potter, tile, copper, aluminum	Concavity bottom pans,Protruding bottom pans	Diameter: less than 8cm

## XI Repair instruction

No.	Problem code	Alarm sound	Protect type	Exclude Way and Explain
1	E0	Ring0.5s, stop0.5s	Circuit error	Circuit board problem or over current
2	E1	Ring0.5s, stop0.5s	No pan	Unsuitable pan, diameter of bottom of pan<8cm
3	E2	Ring0.5s, stop0.5s	Sharp_pulse	Sharp pulse
4	E3	Ring0.5s, stop0.5s	High Voltage	Voltage over 265V
5	E4	Ring0.5s, stop0.5s	Low Voltage	Voltage less than 155V
6	E5	Ring0.5s, stop0.5s	Pan sensor open	Pan sensor open
7	E6	Ring0.5s, Stop0.5s	Pan sensor short	Temperature of bottom of pan over 200°C
8	E7	Ring0.5s, stop0.5s	IGBT sensor open	IGBT sensor open
9	E8	Ring0.5s, stop0.5s	IGBT sensor short	Temperature of IGBT less than 100°C

**FCC ID: XR8BS20-SC1.**

This device complies with FCC part 18 of the FCC Rules.

(a) Each device for which a grant of equipment authorization is issued under this part shall be identified pursuant to the applicable provisions of subpart J of part 2 of this chapter. Changes in the identification of authorized equipment may be made pursuant to §2.933 of part 2 of this chapter. FCC Identifiers as described in §§2.925 and 2.926 of this chapter shall not be used on equipment subject to verification or Declaration of Conformity.

Information on the following matters shall be provided to the user in the instruction manual or on the packaging if an instruction manual is not provided for any type of ISM equipment:

- (a) The interference potential of the device or system
- (b) Maintenance of the system
- (c) Simple measures that can be taken by the user to correct interference.
- (d) Manufacturers of RF lighting devices must provide an advisory statement, either on the product packaging or with other user documentation, similar to the following: This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45–30 MHz. Variations of this language are permitted provided all the points of the statement are addressed and may be presented in any legible font or text style.