

RICE POLISHER

LTJM-2099

User Manual

Please read this manual carefully before use

- 2.3 Motor power: 650W
- 2.4 Sample weight: 150~170g
- 2.5 Hulling rate: $\geq 99\%$ (according to the sample)
- 2.6 Net weight: 16kg

3. Attentions

- 3.1 This instrument should be with strict ground connection to ensure the safety.
- 3.2 Please add samples or empty samples when power off.
- 3.3 Please do not rotate or pull out the sieve net when the machine is still rotating.
- 3.4 This instrument has the function of overcurrent protection. When the motor is overloaded, it will stop working automatically. Retry after you find out the failure and get rid of it.

1. Introduction

LTJM-2099 Rice Polisher can quickly judge the quality of rice through fully automatic and once for all hulling of paddy rice and whitening of brown rice.

LTJM-2099 Rice Polisher has the advantages of simple operation, large sample quantity, good effect on milling rice white, less broken rice, short working time, strong wear-resisting machine head, beautiful appearance, easy to carry and so on. It's the perfect instrument for judging the quality of paddy rice and examining yellow-colored rice, disease spot, abdominal white and imperfect rice.

2. Main technical parameters

- 2.1 Working voltage: AC220V $\pm 10\%$, 60Hz
- 2.2 Working time: default 50 seconds (10-90s adjustable)

moisture content and so on, so the milled rice rate is an estimating value.

7. Maintenance

7.1 When using the instrument, please place it on the horizontal and stable workbench.

7.2 Please keep the instrument under dry and non-corrosive environment.

8. Accessory

Name	Specifications	Quantity
Main machine		1
Sieve	Diameter 2.5mm	1
Sieve tray		1
User manual		1

5.9 Complete rice polishing process: pull out the drawer and sieve the impurity in polished rice, then judge the quality of paddy rice through observing the polished rice.

5.10 Cleaning: Rotate the sieve net clockwise 90°, take out the sieve net, use small brush and copper wire brush to clean the machine head, sieve net, drawer and so on.

6. Milled rice rate of paddy rice estimation

Milled rice rate = (weight of polished rice ÷ weight of paddy rice) × 100 %

Experience has indicated that the milled rice rate can be affected by the processing time, the pressure by pressing weight, quality of paddy rice,

4. Structure

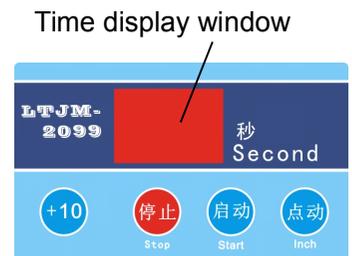
4.1 Control panel

“+10” button: Set working time. Add 5 seconds each time.

“Start” button: Start to work.

“Stop” button: Stop working.

“Inch” button: Work just for 1 second.



4.2 Structure sketch map

4.2.1 Aluminum handle, connecting rod, counter weight

Press the release button on the counter weight, you can draw out the connecting rod and take out the counter weight.

4.2.2 Machine head

Paddy rice is put into it to be processed.

4.2.3 Sieve net

Insert the sieve net with gap upward into the machine head. When it reaches the bottom, rotate clockwise 90° to make it fixed.

4.2.4 Drawer

It is used for getting processed rice chaff and polished rice.

4.3 Working condition sketch map

Pressing weight: After putting paddy rice into the machine head, press on the paddy rice by pressing weight.

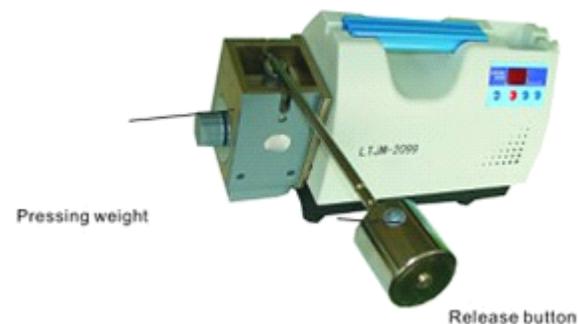
Release button: Adjust the position of the counter weight on the connecting rod, thus adjust the pressure when processing.



①Handle, Connecting rod and pressing weight

②machine head

③sieve net ④ drawer



Working state

Pressing weight: put paddy rice into the machine head, using pressing weight to press.

Release button: adjust pressing weight gear on the end of connecting rod, adjust the pressure.

5. Operation

5.1 Install counter weight: Press the release button on the counter weight, draw out the connecting rod from the aluminium alloy handle. Then install the counter weight in the end of connecting rod, generally install to NO.3 groove. Adjusting the position of counter weight on the connecting rod can change the weight put on the pressing weight and the degree of polishing white. If you move the counter weight to the inside groove, the degree of polishing white will be low. Otherwise, it will be high. If the moisture content of sample is too much, you can move the counter weight to the inside groove. And if the sample is shaped rice, the counter weight should be moved to the inside groove.

5.2 Input sample: Use sampling cup to take a full cup of paddy rice, lift up pressing weight, and install sieve net. Then put paddy rice into the machine head.

5.3 Put down pressing weight, and hook up the fixed hole of machine head with the hook of the connecting rod. The counter weight should be installed. The connecting rod should be put in the groove of the pressing weight.

5.4 Working time setting: Connect the power line and turn on the power, you can set working time by "+10" button on the panel. The degree of polishing white will increase according to working time.

5.5 Press "Start" button, the instrument will start to work. Press "Stop" button, the instrument will stop working.

5.6 Stop and Observe: When count down is over, the motor will stop rotating. Then take out the counter weight and pressing weight, observe the polishing white condition of paddy rice. If it is not completely hulled, you can add several seconds for polishing again according to Step 4.

5.7 Get rid of impurity: After completely hulled, pull the drawer out under the machine head, throw away the rice chaff and so on wastes.

5.8 Milled rice: Install the drawer again. Rotate the sieve net clockwise 180° and make the polishing white rice fall down to the drawer. Press "Inch" button in order to throw off the rice on roller. Then turn off the power.