

NCM-535H *Chocolate Conching Machine*

User Manual

〈 **Second Edition-1080814** 〉



Edition	Editing Date	Remarks	Editor
First Edition	2018. 01. 04	New Document	許萱宸
Second Edition	2019. 08. 14	Editing Document	張正男

Contents

I.	Machine Introduction and Specifications	1
II.	Machine Startup → Power Supply and Safety Devices	2
	2-1 Main Power Access	2
	2-2 Emergency Stop Button	2
III.	Bootstrap Procedure and Refining Operation Instructions	3
	3-1 Ingredient Loading for Refining	3
	3-2 Enable the Power	3
	3-3 Turning Time Setting	3
	3-4 Enable the Operation of the Main Motor	4
	3-5 Pressure Adjustment on Granite Wheels	4
	3-6 Turn Off the Operation After the Completion of the Refining	5
	3-7 Ingredient Discharging Procedure	5

I. Machine Introduction and Specifications:



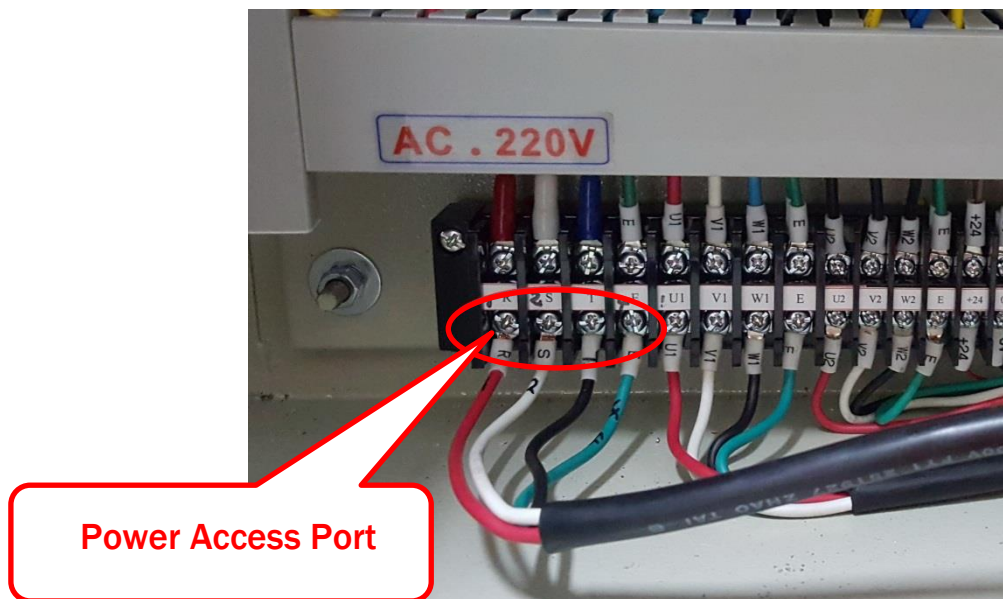
- ① Handwheels for Lifting or Descending Granite Wheels (Manual Operation)
- ② Indicator Light
- ③ Electric Control Box
- ④ 2HP motor+NMRV063-model reducer
- ⑤ Stainless Steel Barrel spec.Ø450mm*450mm
- ⑥ Positioning Latch for tilting down the barrel (A/B)
- ⑦ Positioning Latch for tilting down the barrel
- ⑧ Handlebar

Specification :

- | | |
|--|--|
| 1. Power Voltage: 220V 50/60 Hz, 3 phase | 8. Refining Time Setting |
| 2. Main Drive Power : 2Hp 〈 1.5kW 〉 | 9. Emergency Power Off Device |
| 3. Barrel Capacity : 35kgs / 70L | 10. Mechanical Pressure Adjusting Spring |
| 4. Speed Adjustment : 0 ~ 120 RPM | 11. Natural Granite Grinding Wheels |
| 5. Refining Fineness : less than 25μ | 12. Weight : 140kgs |
| 6. Barrel Material : Stainless Steel | 13. Dimensions of Machine : |
| 7. Discharging / Cleaning : | L 110 x W 68 x H 146 〈 cm 〉 |
| Tilting Operation (Auto Tilting / Tilting Inch by Inch) | 14. Origin: Taiwan |

II. Machine Startup Power Supply and Safety Devices

2-1 Main Power Access



2-2 Operation on Emergency Stop Button



※ **Emergency Red Button** - located on the control panel (press it to stop immediately all actions)

III. Operation Procedure

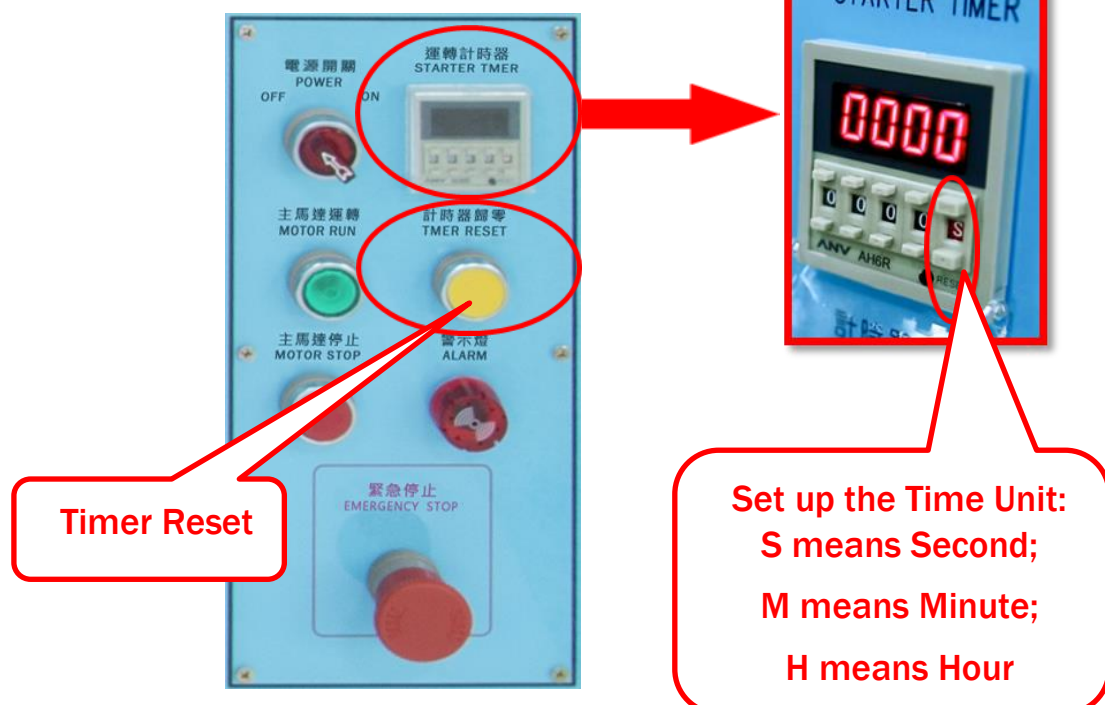
3-1 Ingredient Loading for Refining

Pouring the grinded ingredient into the Stainless Steel Barrel (the volume should not exceed the upper edge of the granite wheels)

3-2 Enable the Power



3-3 Turning Time Setting



3-4 Enable the Motor Operating

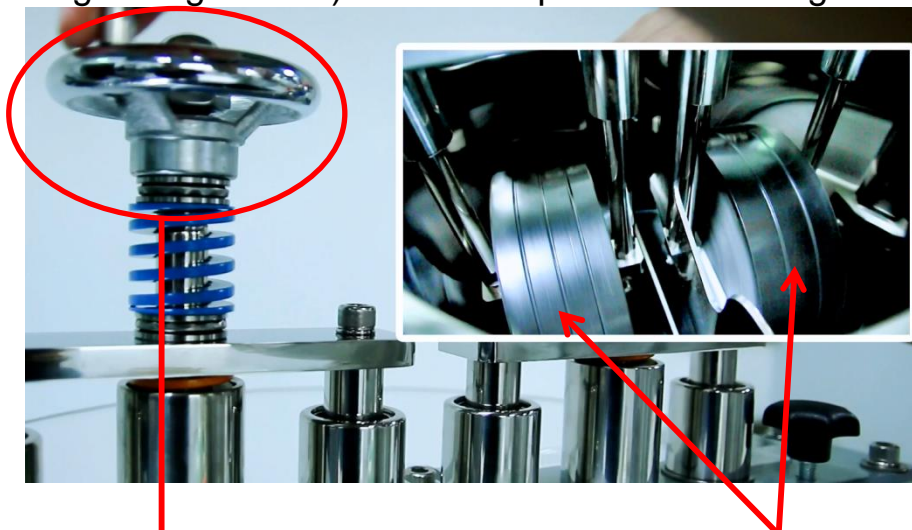
After turning on the motor, the grinding wheels inside the stainless barrel start operating (120RPM)



3-5 Pressure Adjustment on Grinding Wheels

Turn the handlewheels on the top of the Refiner (there are two handle wheels) to adjust the refining pressure on the Grinding Wheels inside the barrel.

- ☞ Turn the handlewheels in the clockwise direction (descending the grinding wheels)= higher the pressure on the grinding wheels
- ☞ Turn the handlewheels in the anti-clockwise direction (lifting the grinding wheels)= lower the pressure on the grinding wheels



Adjusting by turning the handlewheels

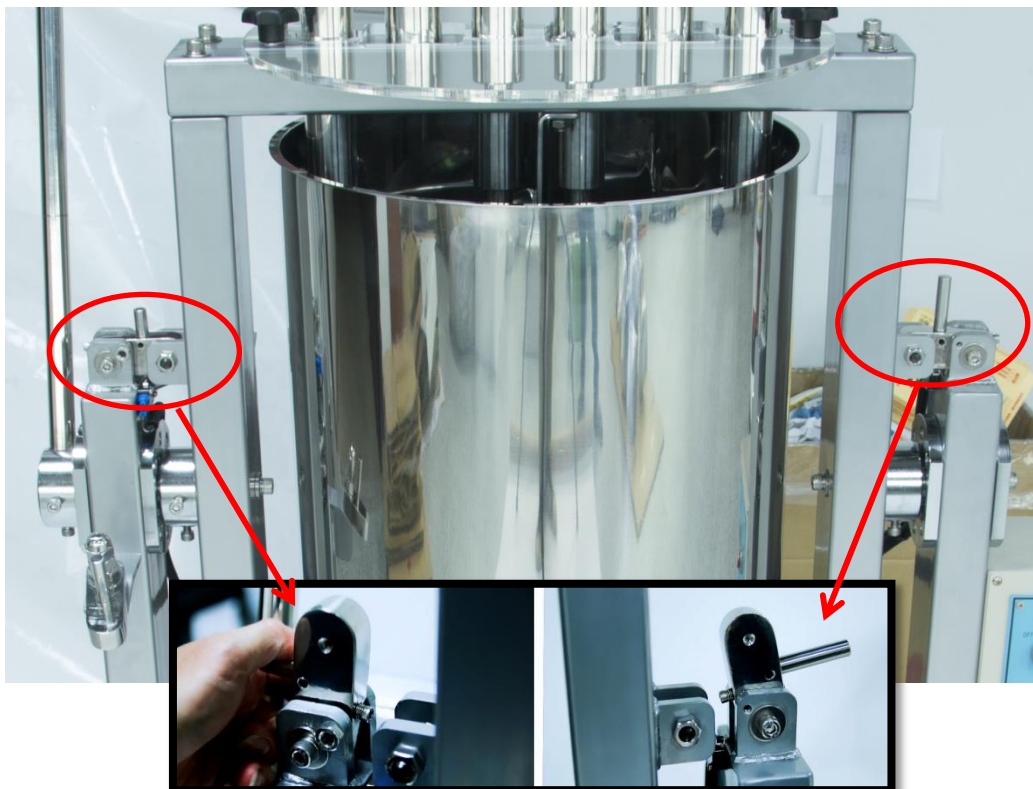
Lifting or descending the grinding wheels

3-6 Turn off the motor after the completion of the refining



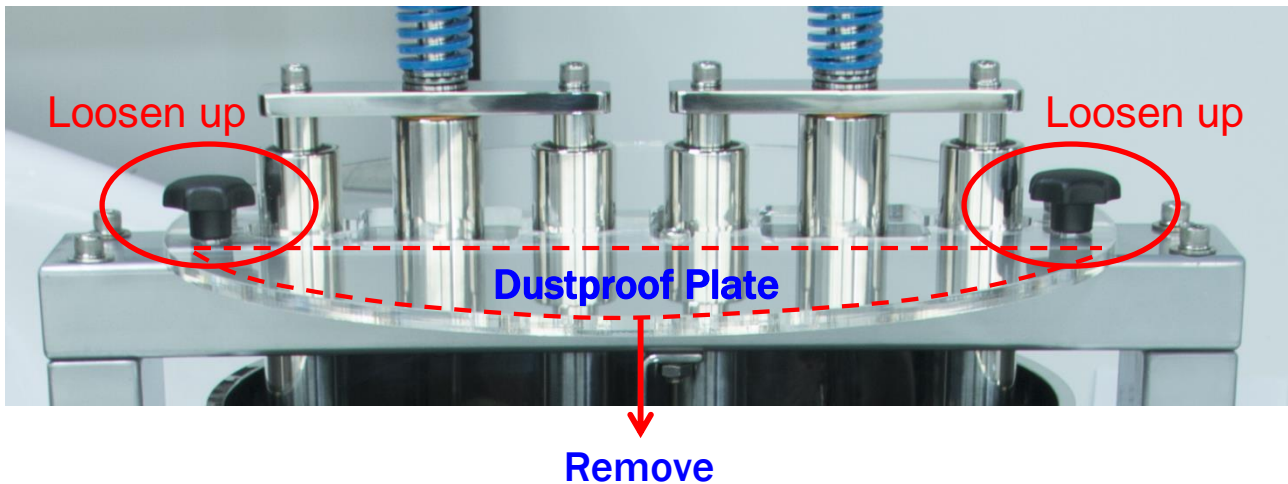
3-7 Ingredient Discharging Procedure

(Step 1) Open up the two positioning latches located on the two sides.

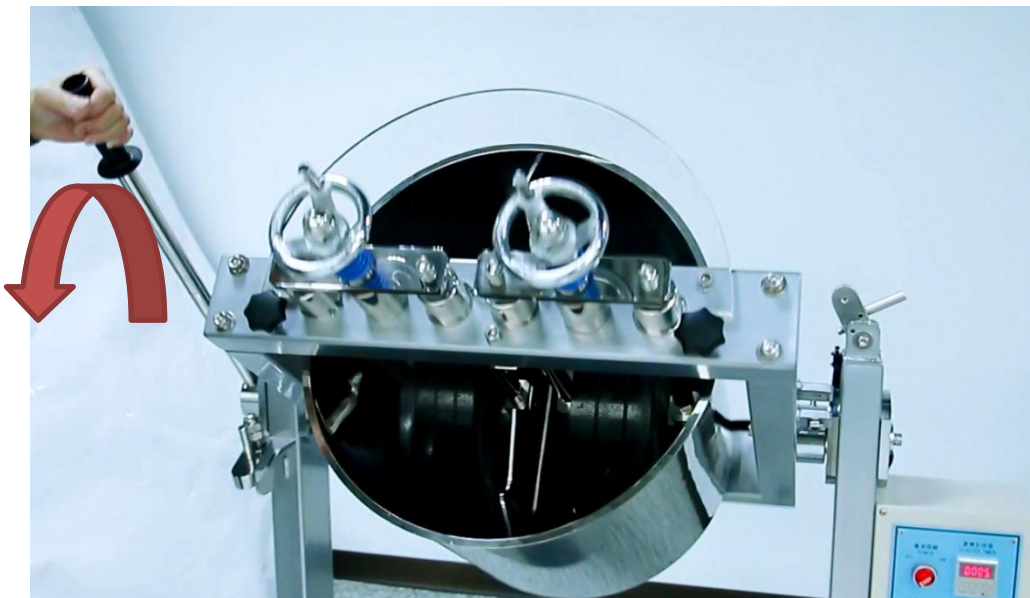


(Step 2) Remove the Dustproof Plate

Loosen up the two knobs located on the two sides, and then remove the dustproof plate.

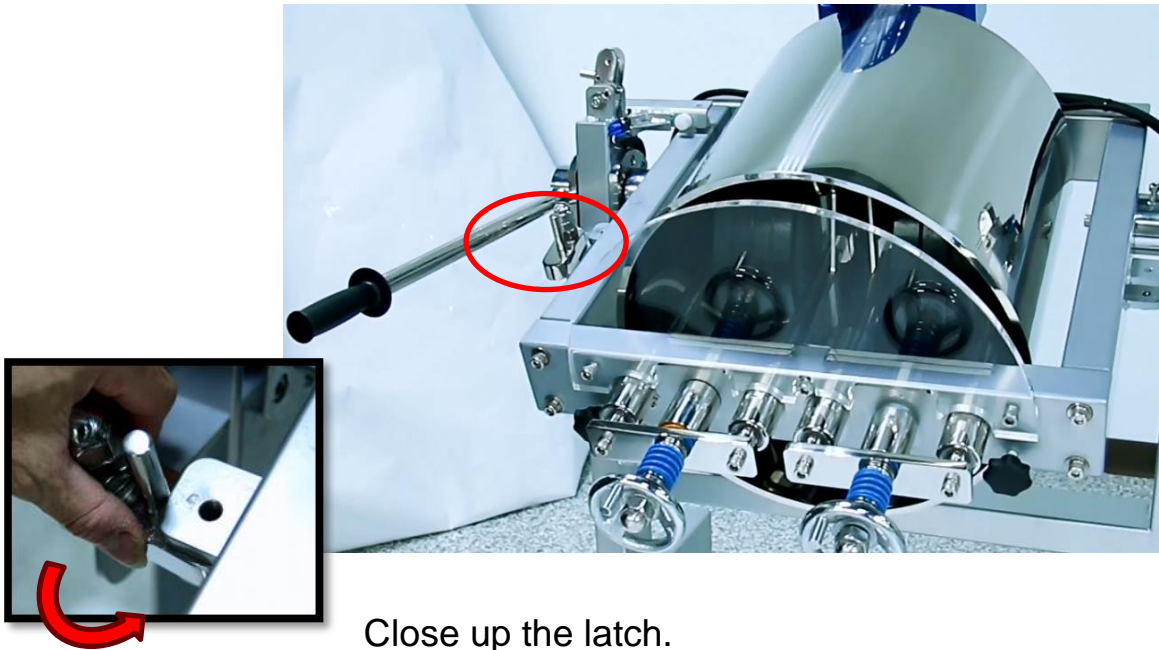


(Step 3) Press downward the handlebar to discharge ingredient

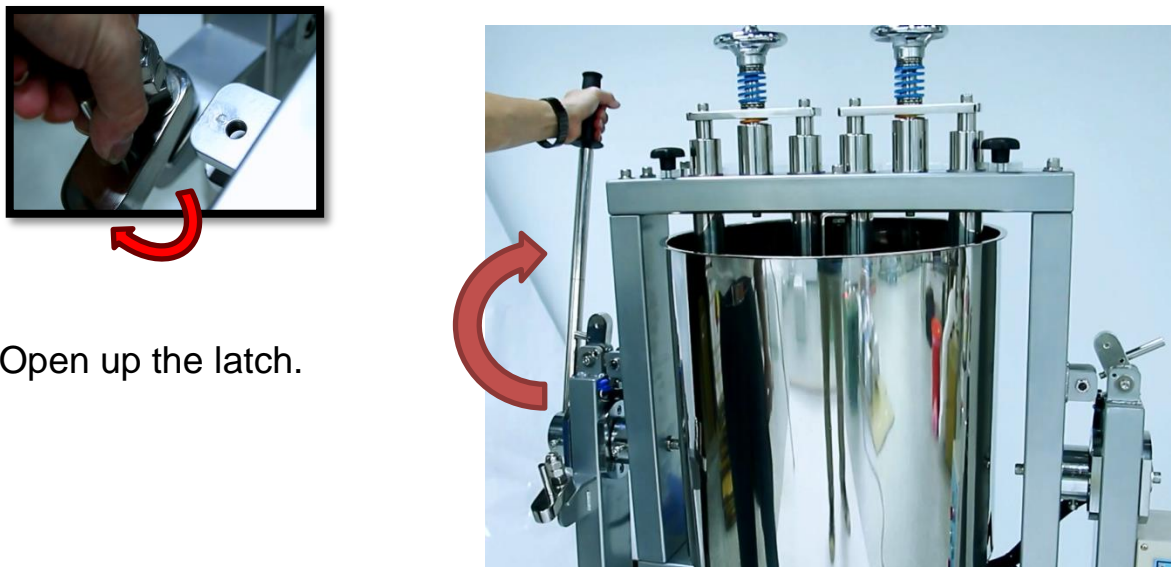


(Step 4) Fix the Barrel Position for Discharging Ingredient

Press downward the handlebar to an appropriate position and fix the barrel position for ingredient discharging.

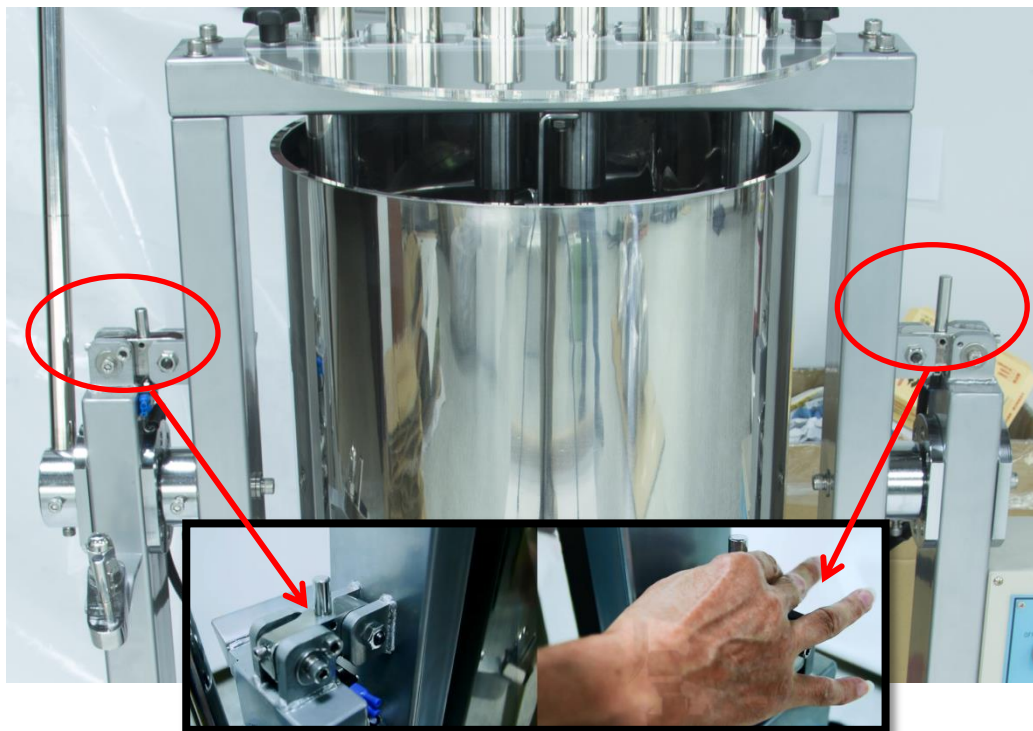


(Step 5) After the ingredient discharging, push back the handlebar to the upright position



After discharging ingredient, open up the latch, and then push back the handlebar to tilt back the barrel to the upright position.

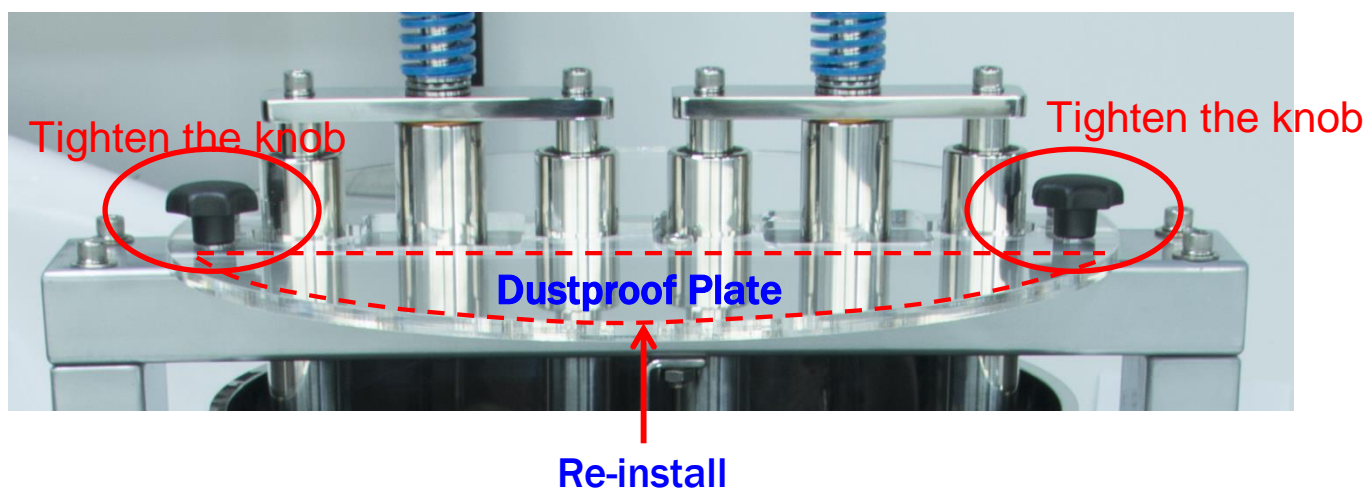
(Step 6) Upright the latches located on both sides



After tilting upright the barrel, place the latches to the upright position.
Attention: The two latches must be place back to the upright position until they press on the safety device to enable the main motor.

(Step 7) Re-install the Dustproof Plate

Completion of the Ingredient Discharging→Re-install the Dustproof Plate.



■ Continue refining→ Refer to the operation procedure 3-1.