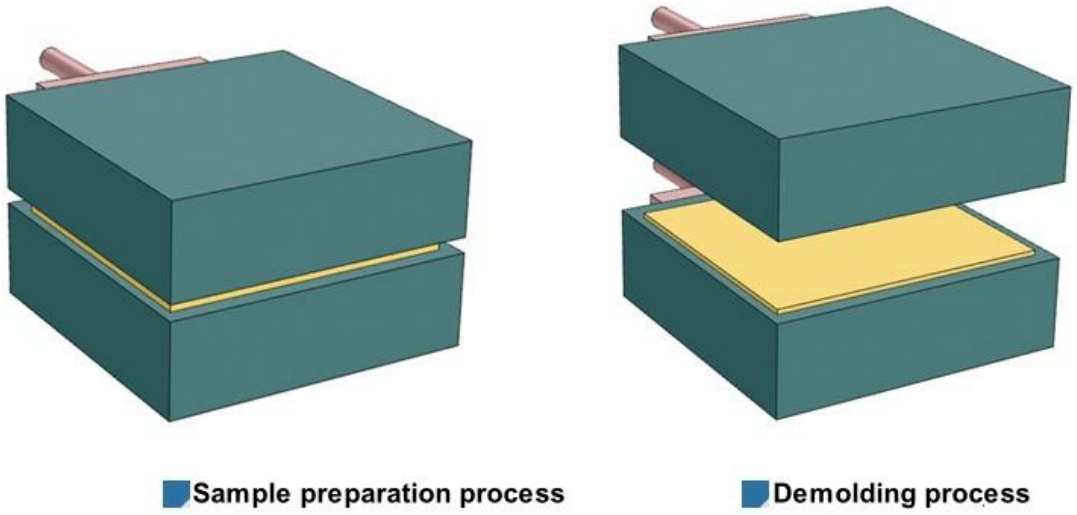
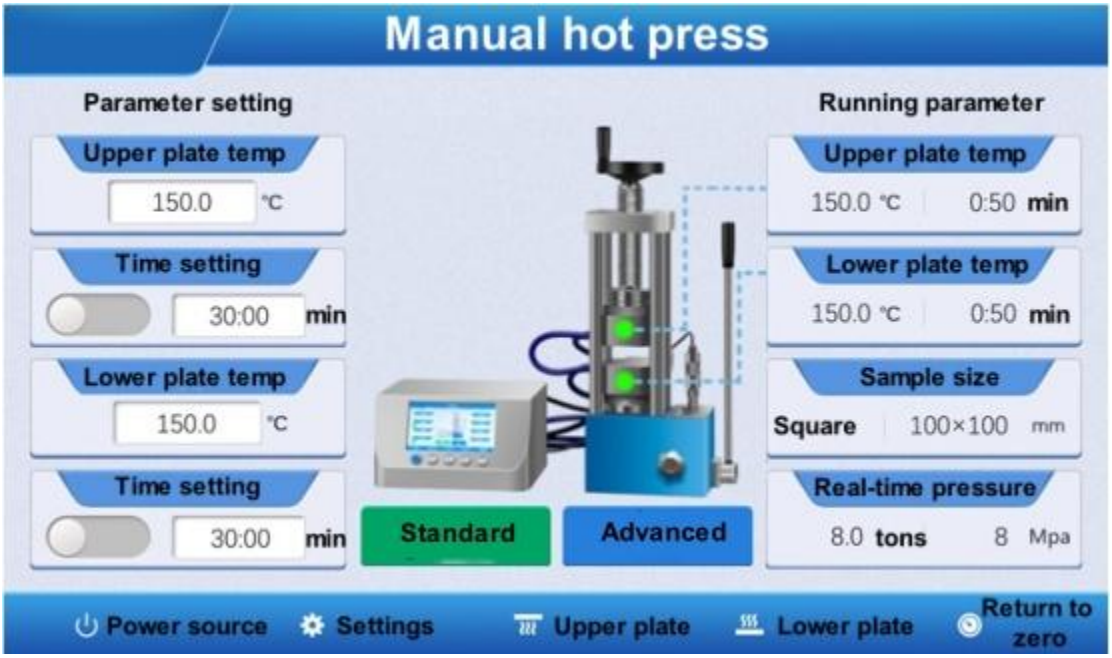
RYJ-600F3/F4 Double Heating Plate Manual

Hot Press

Mold operation diagram



Operation interface (Manual mode)



Standard interface: The heating temperature and constant temperature time of the upper and lower plates can be set separately on the interface.
Return to zero button: Calibrate the pressure to zero.
Upper plate button: Heat the upper heating plate.
Lower plate button: Heat the lower heating plate.
Timing switch: The timing function can be turned on and off.

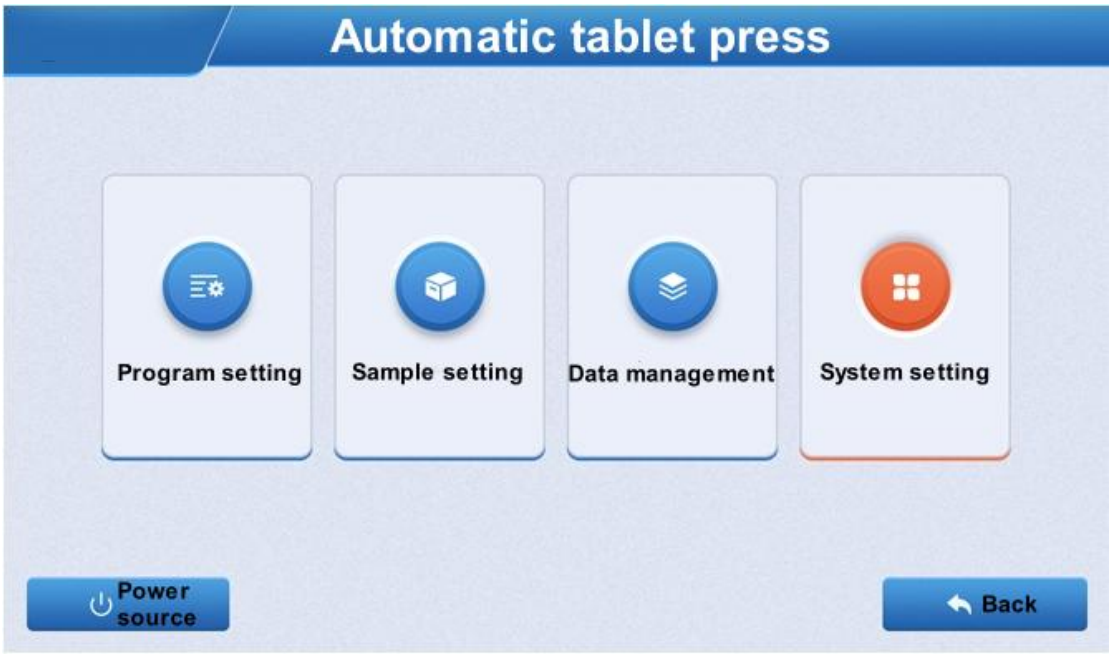
Operation interface (Automatic mode)

Start button: It can be pressurized according to the multi-stage pressurization program.

Stop button: Press the stop button to stop the heating process.

List/Curve: The current display state can be switched between list and curve

Setting interface



Tap Settings on the operation screen to enter the Settings screen. The Settings screen has four ICONS.

Program Settings: Multi-stage pressure procedures and pressure holding

times can be set.

Sample setting: The shape and size of the sample can be set to facilitate the user to calculate the pressure of the sample.

Data management: Previously saved data records can be invoked and modified..

System Settings: Administrators can set various parameters, enter the password "666"

Setting interface

Multi-segment program Settings: Up to 5 segments of pressurized programs can be set.

Invoke button: Invoke the set parameters to the automatic operation interface for pressure.

Save button: Save the set parameters to the database for later invocation.

Back button: Returns to the Settings screen

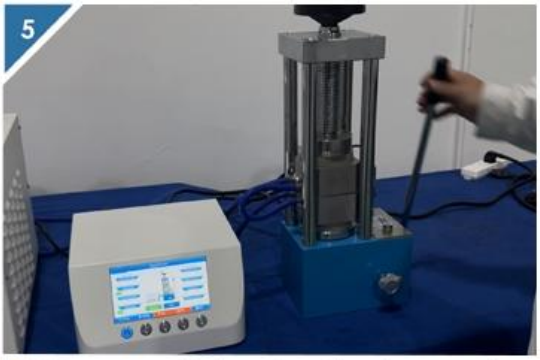
Operation procedure

In standard mode, temperature, time, and size can be set separately.

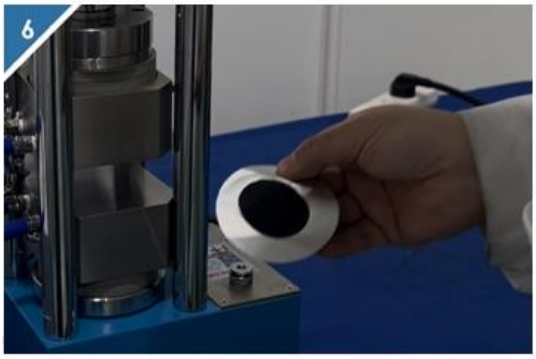
Enter a value and save it.

Start heating the upper and lower plates.

Place the mold in the tablet press.

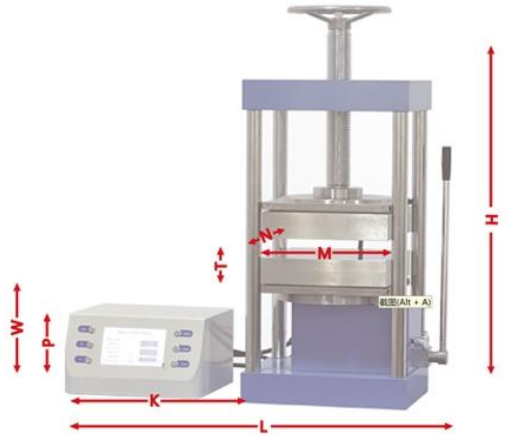


Pressure starts when the temperature reaches the set temperature.



The device starts up and the action status light is on.

Technical parameter

Instrument type	RYJ-600F3(300.0℃)	RYJ-600F4(300.0℃)
Pressure range	0-30.0 tons	0-30.0 tons
Piston diameter	Chrome plated cylinder Φ130mm(d)	Chrome plated cylinder Φ130mm(d)
Overall structure of subject	The equipment has no sealed connection to reduce oil leakage points	The equipment has no sealed connection to reduce oil leakage points
Mold heating temperature	Room temperature -300.0℃	Room temperature -300.0℃
Constant temperature time	1 s to ∞ s	1 s to ∞ s
Temperature control accuracy	0.1 ℃	0.1 ℃
Heat insulation method	Imported heat shield	Imported heat shield
Cooling method	Water cooling rapid cooling [Optional water cooler]	Water cooling rapid cooling [Optional water cooler]
Mold size	300x300mm(MXN)	400x400mm(MXN)

Main engine size	380X350X600(KxPXH)	500X480X650(KxPXH)
Overall size	700X400X600(LxWXH)	850X480X650(LxWXH)
Power source	3000 W(220V/110V can be customized)	5000 W(220V/110V can be customized)
Main engine weight	260Kg	460Kg
Powder tablet press size diagram