



LABORATORY-GRADE ROTARY EVAPORATOR

Rotary evaporators set new standards in safety, economy and ease of use. This type of product provides excellent distillation and evaporation solutions.

It is mainly used for concentration, drying, crystallization, purification, extraction, separation and solvent recovery in the fields of medicine, chemical industry, food, environmental protection, new materials, biopharmaceuticals, etc.

| SCOPE OF APPLICATION:

Used for continuous distillation of volatile solvents under reduced pressure to achieve solid-liquid or liquid-liquid separation.

| WORKING PRINCIPLE:

Under vacuum conditions, the bath is heated to a constant temperature, so that the rotating bottle rotates at a constant speed and is heated.

The material forms a large-area film on the bottle wall, and the solution quickly diffuses and evaporates.

The solvent vapor is cooled by an efficient glass condenser and recovered in the collection bottle.

| SUPPORTING SYSTEM:

It can be combined with vacuum pump, vacuum controller, low-temperature coolant circulation pump, etc. to form a supporting system to meet experimental and production conditions.

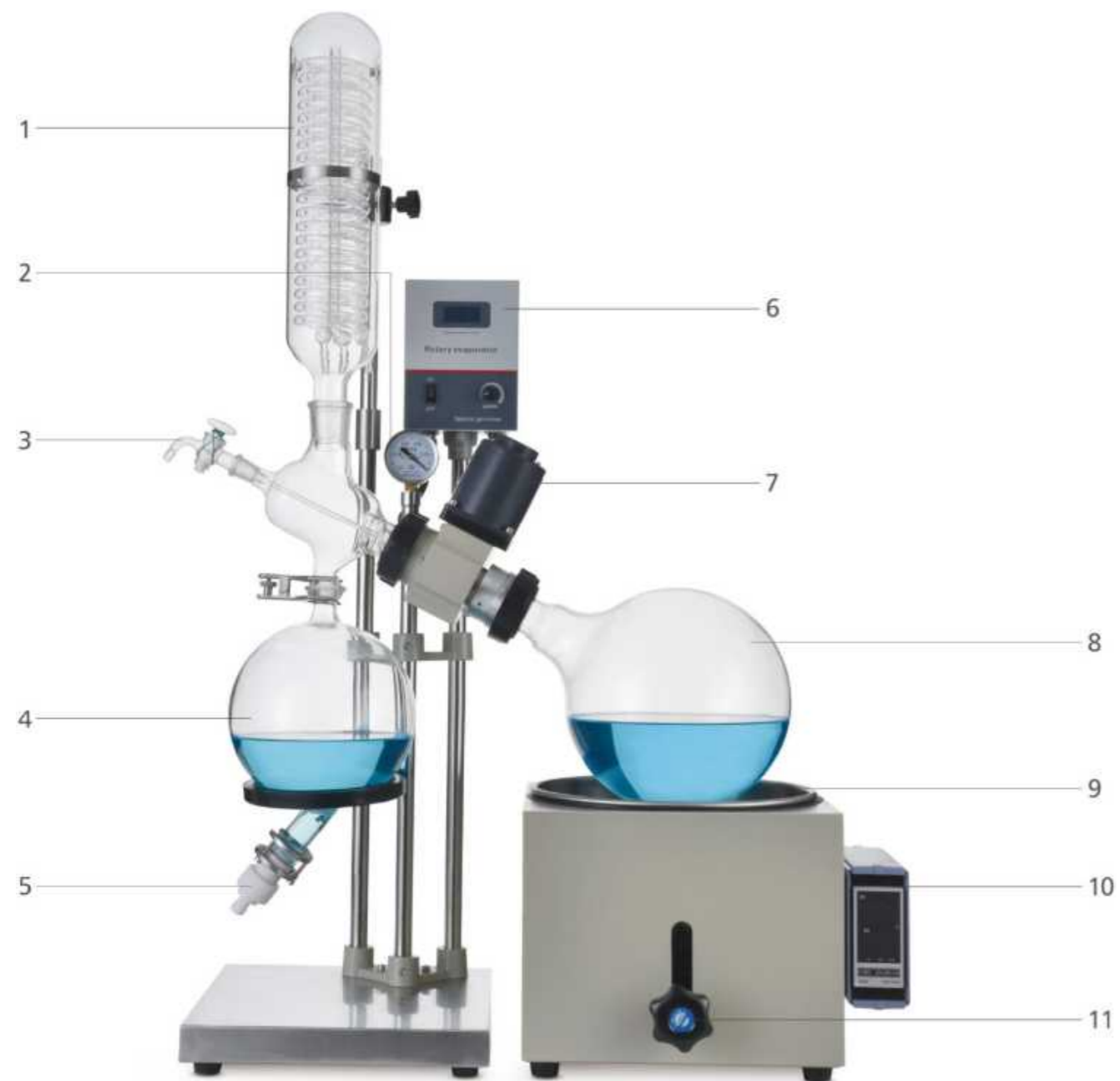


RE Series



RE52 Series

ROTARY EVAPORATORS RE SERIES



PRODUCT ANALYSIS:

- 1. High-efficiency condenser
- 2. Vacuum gauge
- 3. Feeding piston
- 4. Collection bottle
- 5. Discharge valve
- 6. Frequency conversion digital speed regulator
- 7. High-performance motor
- 8. Rotating bottle
- 9. Water-oil dual-purpose heating constant temperature bath
- 10. Intelligent digital temperature controller
- 11. Manual lifting handle



- ① Clear digital display control and data.
- ② PTFE sealing ring, acid and alkali corrosion resistance and durable.
- ④ Height adjustment handle, manual lifting mechanism.
- ⑤ High-efficiency double serpentine condenser.
- ③ Knob adjustment, adjustable immersion angle.
- ⑥ Water and oil dual-purpose heating constant temperature bath.
- ⑦ Worm gearbox, stable operation.

SPECIFICATION

TECHNICAL PARAMETERS	RE-1L	RE-3L	RE-5L
ROTATING BOTTLE CAPACITY	0.5/1/2(L)	3L	5L
COLLECTION BOTTLE CAPACITY		1L	3L
GLASS MATERIAL	Thickened high borosilicate 3.3		
GLASS TEMPERATURE DIFFERENCE LIMIT	<80°C		
ULTIMATE VACUUM DEGREE	-0.1Mpa		
SPEED RANGE	0-120/rpm		
MOTOR POWER	40W		60W
TEMPERATURE CONTROL RANGE	Room temperature ~ 300°C		
TEMPERATURE CONTROL ACCURACY	±1°C		
HEATING METHOD	Water and oil dual-purpose bath		
BATH LIFTING METHOD	Manual		
HEATING POWER	1KW	1.5KW	2KW
TEMPERATURE CONTROL TYPE	PID intelligent constant temperature		
CONDENSER TYPE	Double serpentine coil		
SAFETY PROTECTION	Leakage, overcurrent, overload		



ROTARY EVAPORATORS RE2000 SERIES

SPECIFICATION

TECHNICAL PARAMETERS	RE2000-1L	RE2000-3L	RE2000-5L
ROTATING BOTTLE CAPACITY	0.5/1/2(L)	3L	5L
COLLECTION BOTTLE CAPACITY	1L	3L	
GLASS MATERIAL	Thickened high borosilicate 3.3		
GLASS TEMPERATURE DIFFERENCE LIMIT	<80°C		
ULTIMATE VACUUM DEGREE	-0.1Mpa		
SPEED RANGE	0-120/rpm		
MOTOR POWER	40W		60W
TEMPERATURE CONTROL RANGE	Room temperature ~ 99°C		
TEMPERATURE CONTROL ACCURACY	±1°C		
HEATING METHOD	Water and oil dual-purpose bath		
BATH LIFTING METHOD	Electric		
HEATING POWER	1KW	1.5KW	2KW
TEMPERATURE CONTROL TYPE	PID intelligent constant temperature		
CONDENSER TYPE	Double serpentine coil		
SAFETY PROTECTION	Leakage, overcurrent, overload		

FEATURES AND ADVANTAGES

- ① Clearly display the control and data information interface, temperature, speed and other information. Water/oil dual-purpose heating bath, intelligent constant temperature system control.
- ② High-efficiency double serpentine condenser ensures high recovery rate.
- ③ High-precision vacuum gauge, the best working vacuum can be selected for low-boiling point materials.

- ④ Electric lifting operation is convenient and fast.
- ⑤ Thickened high borosilicate 3.3 glass, resistant to high and low temperatures, and resistant to extreme negative pressure.
- ⑥ Acid, alkali, organic solvent corrosion, leak-proof.
- ⑦ Worm gearbox, smooth and powerful operation.
- ⑧ Multiple safety protections such as overvoltage, overcurrent, and motor overload.



ROTARY EVAPORATORS RE52 SERIES



PRODUCT ANALYSIS:

- 1. Condenser tube
- 2. Motor
- 3. Spinner bottle
- 4. Water oil bath
- 5. Inlet
- 6. Bottle clamp
- 7. Collection bottle
- 8. Digital display controller

FEATURES AND ADVANTAGES

- ① Quick and easy lifting mechanism
- ② Evaporator along the horizontal direction can lean in 0-45 °C arbitrarily.
- ③ Vertical condensation system of high rate of evaporation
- ④ Vacuum sealing way
- ⑤ Automatic control temperature digital display

SPECIFICATION

MODEL	RE-52A	RE-52C	RE-5299
GLASS METERIAL	GG-17		
HOLDER MATERIAL	Aluminium alloy		
POT SHELL MATERIAL	Aluminium alloy 250*365*150mm		Aluminium alloy 265*310*80mm
POT BRAVERY	Stainless steel 240*120mm	Stainless steel 250*130mm	Stainless steel 250*140mm
EVAPORATOR FLASK	1L 24#		
COLLECT FLASK	0.5L 24#		
VACUUM DEGREE	0.098Mpa		
ROTARY SPEED	0-120rpm		
ROTARY POWER	30W		
HEATING POWER	1KW		
HEATING TEMP.	0-99°C		
TEMP. ACCURACY	-1		
LIFTING POWER	---	15W	
LIFTING STROKE	120mm		
VOLTAGE	220/110V 50/60HZ		
DIMENSION	700*440*1005mm		
PACKING SIZE	590*460*460mm		
PACKING WEIGHT	21kg		
SPEED MODE	Electronic stepless		
TEMP. DISPLAY	Digital		
TEMP. CONTROL	Intelligent temp. control		
SEALING METHOD	PTFE		
CONDENSER	Vertical 85*460mm 29#		
LIFTING MODE	Manual lifting	Electric automatic lifting	
CONTINUOUS FEED	Standard mouth feed valve	19# Standard mouth feed valve	
SPLASH DEVICE	Transparent cover for heating bath		
BATH TEMP.RANGE	0-400°C		



MEDIUM AND LARGE ROTARY EVAPORATORS

It is mainly used for concentration, drying, crystallization, purification, extraction, separation and solvent recovery in the fields of medicine, chemical industry, food, environmental protection, new materials, biopharmaceuticals, etc.

SCOPE OF APPLICATION:

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WORKING PRINCIPLE:

Under vacuum conditions, the bath is heated to a constant temperature, so that the rotating bottle rotates at a constant speed and is heated.

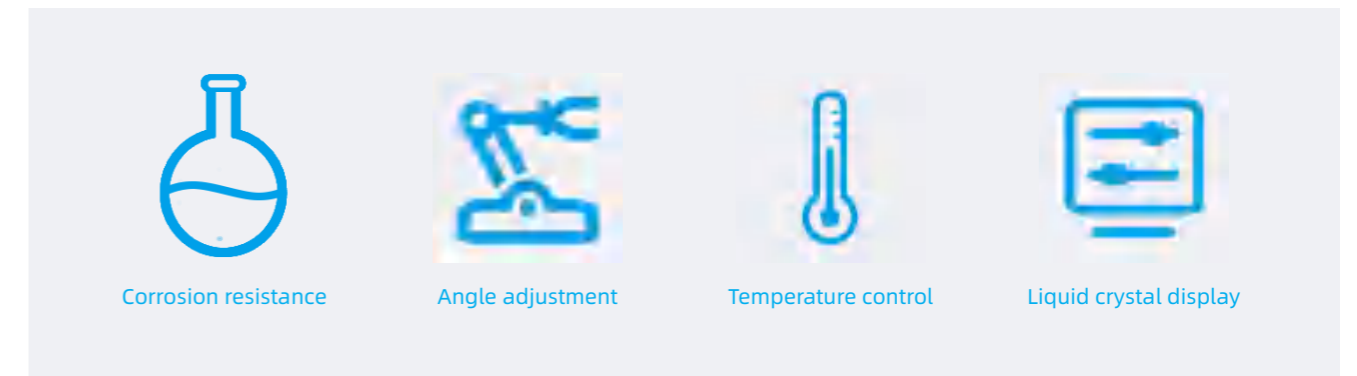
The material forms a large-area film on the bottle wall, and the solution quickly diffuses and evaporates.

The solvent vapor is cooled by an efficient glass condenser and recovered in the collection bottle.

The supporting system can be combined with a vacuum pump, a vacuum controller, a low-temperature coolant circulation pump, etc. to form a supporting system to meet experimental and production conditions.

SUPPORTING SYSTEM:

It can be combined with vacuum pump, vacuum controller, low-temperature coolant circulation pump, etc. to form a supporting system to meet experimental and production conditions.



MEDIUM AND LARGE ROTARY EVAPORATORS RE SERIES

The RE Series Rotary Evaporators are ideal entry-level equipment, known for their economical and efficient performance. They are also true all-rounders, equipped with an easy-to-operate manual lifting device that digitally displays the speed and heating bath temperature. This helps users optimize and control all distillation and evaporation processes. The equipment is easy to operate. It has super airtightness. Whether it is a research and development, production laboratory or factory workshop, it is easy to use.



1. Triple serpentine high-efficiency condenser, condensation area is 0.5 times of ordinary, to ensure high recovery rate.
2. Vacuum switching valve, continuous collection without affecting system negative pressure and distillation.
3. Water and oil dual-purpose heating constant temperature bath, stainless steel liner.
4. Digital display of speed, temperature and other data.
5. Double-layer modified PTFE seal, super sealing, high temperature and corrosion resistance.
6. Glass components are all made of thickened high borosilicate 3.3 glass, high and low temperature resistance, strong and durable.
7. Customized modification can be made according to needs.

01

VARIABLE FREQUENCY DIGITAL DISPLAY SPEED REGULATOR, HIGH-PERFORMANCE MOTOR

- ▶ Multiple safety protections, long-term operation.
- ▶ Powerful power, smooth operation without shaking.



02

INTELLIGENT HEATING CONSTANT TEMPERATURE WATER OIL BATH POT

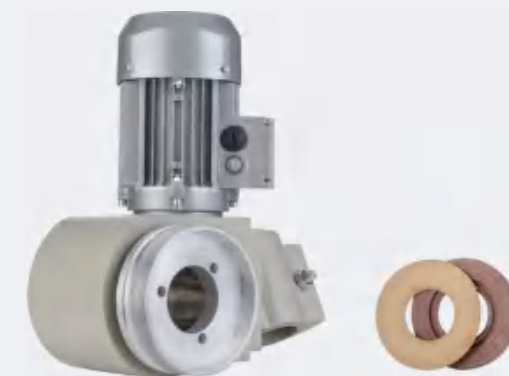
- ▶ PID microcomputer constant temperature system, high temperature control accuracy.
- ▶ Manual lifting mechanism, easy and fast operation.



03

ANTI-CORROSION COMBINED SEAL, EFFECTIVELY ENSURE AIR TIGHTNESS

- ▶ Ensure the air tightness of the rotary evaporator, and the vacuum degree can reach -0.1Mpa.
- ▶ Resistant to acid, alkali, and organic solvent corrosion, no cross infection.



04

CONTINUOUS COLLECTION AND DISCHARGE WITHOUT STOPPING THE MACHINE

- ▶ New airtight technology, no more cumbersome
- ▶ PTFE discharge valve at the bottom



MEDIUM AND LARGE ROTARY EVAPORATORS RE SERIES



PRODUCT ANALYSIS:

- | | |
|---|---|
| 1 Vacuum nozzle | 7 Vacuum gauge |
| 2 High-efficiency triple serpentine condenser | 8 Variable frequency digital speed regulator |
| 3 Feeding piston | 9 High-performance motor |
| 4 Exhaust valve | 10 Rotary evaporation bottle |
| 5 Collection bottle | 11 Water and oil dual-purpose heating constant temperature bath |
| 6 Discharge valve | 12 Intelligent digital temperature controller |
| | 13 Manual lifting handle |

- | | | | |
|----|--|--|---|
| °C | DISPLAYS THE SET AND REAL-TIME TEMPERATURE AND SPEED | | ONE-BUTTON START AND STOP HEATING |
| | THE MANUAL LIFTING BATH IS ERGONOMIC | | INTELLIGENT MICROCOMPUTER HEATING CONSTANT TEMPERATURE, WATER AND OIL DUAL-PURPOSE BATH |
| | THICKENED HIGH BOROSILICATE 3.3 GLASS | | THICKENED HIGH BOROSILICATE 3.3 GLASS |

SPECIFICATION

MODEL	RE-10L	RE-20L	RE-30L	RE-50L
ROTATING BOTTLE CAPACITY	10L	20L	30L	50L
COLLECTION BOTTLE CAPACITY	5L	10L		30L
GLASS MATERIAL	Thickened high borosilicate 3.3			
GLASS TEMPERATURE RESISTANCE	-120°C to 560°C			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
ANTI-CORROSION PERFORMANCE	Acid and alkali corrosion resistance			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
SPEED RANGE	0-120rpm			
ROTATING MOTOR POWER	120W		180W	
TEMPERATURE SETTING DISPLAY	Key input, LCD digital display			
TEMPERATURE CONTROL RANGE	Room temperature~299°C			
TEMPERATURE CONTROL ACCURACY	±1°C			
TEMPERATURE CONTROL SYSTEM	PID Microcomputer temperature control			
HEATING METHOD	Water and oil bath			
HEATING POWER	3KW	5KW	6KW	7.5KW
EVAPORATION CAPACITY/WATER	≈ 6min/L	≈ 7.5min/L	≈ 10min/L	≈ 12.5min/L
EVAPORATION CAPACITY/ETHANOL	≈ 13.5min/L	≈ 16min/L	≈ 24.5min/L	≈ 27min/L
DIMENSIONS	450*1020*1850mm/L	560*1080*2160mm	640*1200*2200mm	660*1300*2350mm
WEIGHT	104Kg	118Kg	137Kg	148Kg
POWER SUPPLY VOLTAGE	Leakage, overcurrent, overload			

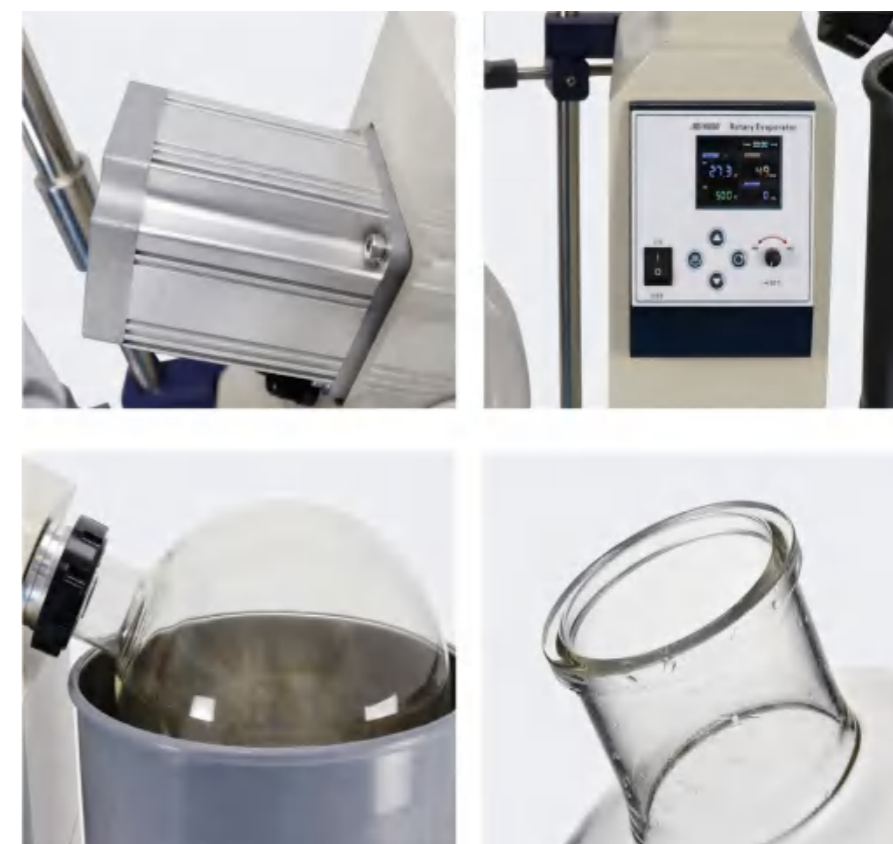
MEDIUM AND LARGE ROTARY EVAPORATORS KRE SERIES

1. Use main and auxiliary high-efficiency double condensers to ensure high recovery rate.
2. Use internationally advanced EL airtight system to maintain high vacuum.
3. Water and oil dual-use constant temperature bath pot, which can be raised and lowered electrically.
4. Digital display of speed, temperature and other data.
5. PID intelligent microcomputer temperature control system, precise temperature control.
6. Vacuum switching valve, continuous collection can be carried out without affecting the system vacuum.
7. Negative pressure feeding can be used.
8. PTFE sealing material, resistant to high temperature, acid, alkali, and organic solvent corrosion.

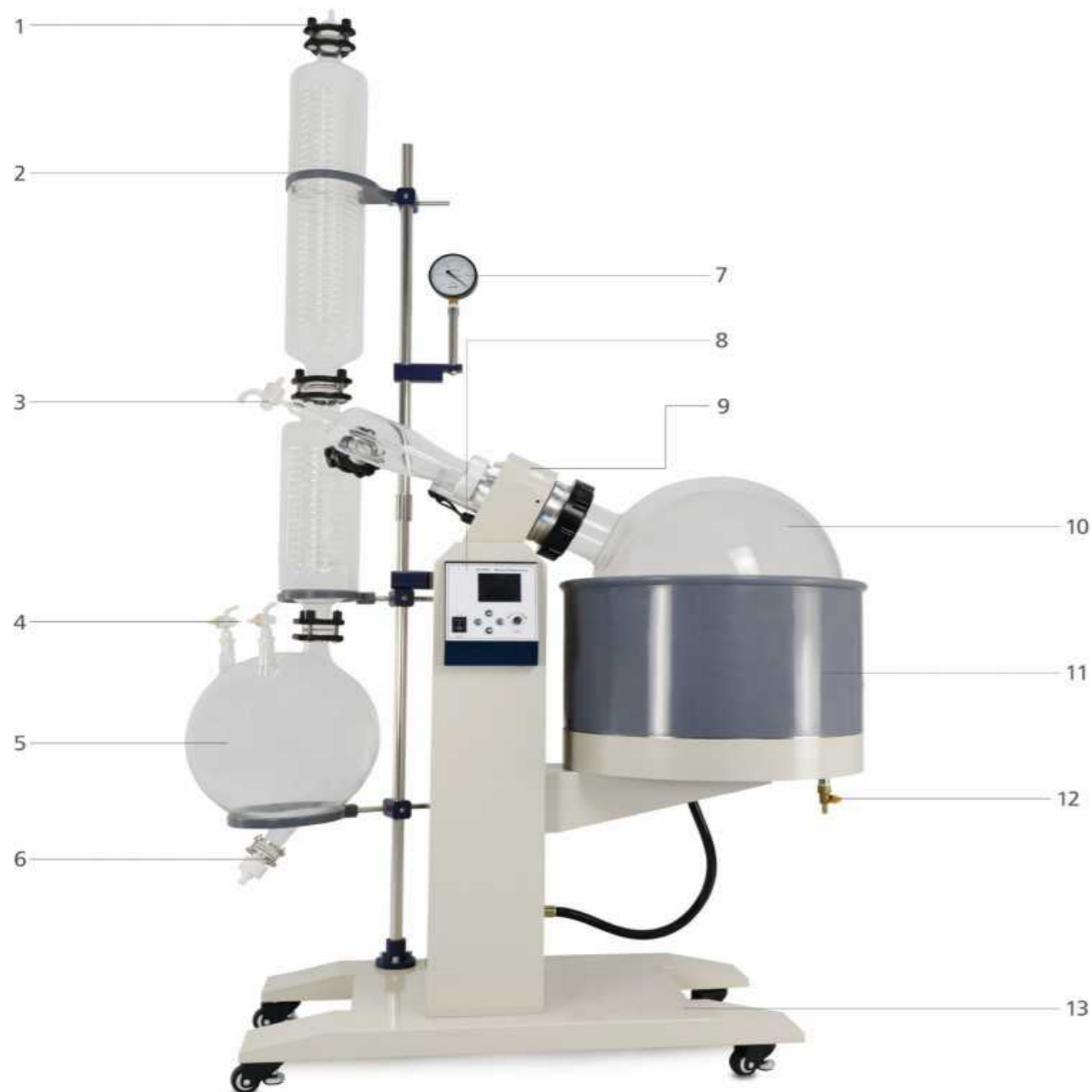


ELECTRIC LIFTING AND TIMING FUNCTION

The KRE series rotary evaporator is famous for its combination of various excellent high-end product features, including: digital display of temperature and speed, electric lifting bath, smooth start, timing function, adjustable descent end point and identification function, which can effectively prevent the glass components from breaking. It has super airtightness. The high-resolution LCD screen clearly displays various data.



MEDIUM AND LARGE ROTARY EVAPORATORS KRE SERIES



PRODUCT ANALYSIS:

- | | |
|---|---|
| 1 Vacuum nozzle | 7 Vacuum gauge |
| 2 High-efficiency triple serpentine condenser | 8 Integrated control panel |
| 3 Feeding piston | 9 High-performance motor |
| 4 Exhaust valve | 10 Rotary evaporation bottle |
| 5 Collection bottle | 11 Water-oil dual-purpose heating constant temperature bath |
| 6 Discharge valve | 12 Heat transfer medium discharge valve |
| | 13 Universal mobile casters |

- | | |
|---|---|
| <ul style="list-style-type: none"> HIGH-RESOLUTION LCD SCREEN ELECTRIC LIFTING BATH POT DESIGN CONFORMS TO ERGONOMICS THICKENED HIGH BOROSILICATE 3.3 GLASS | <ul style="list-style-type: none"> ONE-TOUCH SETTING OF TEMPERATURE, SPEED AND TIME INTELLIGENT MICROCOMPUTER HEATING CONSTANT TEMPERATURE, ANTI-DRY BURNING EX EXPLOSION-PROOF TYPE AND EXPLOSION-PROOF GRADE EXDIBT4 CAN BE INSTALLED |
|---|---|

SPECIFICATION

MODEL	RE-10L	RE-20L	RE-30L	RE-50L
ROTATING BOTTLE CAPACITY	10L	20L	30L	50L
COLLECTION BOTTLE CAPACITY	5L	10L		20L
GLASS MATERIAL	Thickened high borosilicate 3.3			
GLASS TEMPERATURE RESISTANCE	-120°C to 560°C			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
ANTI-CORROSION PERFORMANCE	Resistant to acid, alkali and organic solvent corrosion			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
SPEED RANGE	20-120rpm			
ROTATING MOTOR POWER	250W			
TEMPERATURE SETTING DISPLAY	Key input, LCD digital display			
TEMPERATURE CONTROL RANGE	Room temperature~99°C			
TEMPERATURE CONTROL ACCURACY	±1°C			
TEMPERATURE CONTROL SYSTEM	PID Microcomputer temperature control			
HEATING METHOD	Water and oil bath			
HEATING POWER	2.8KW	5.3KW		7.8KW
EVAPORATION CAPACITY/WATER	≈ 6min/L	≈ 7.5min/L	≈ 10min/L	≈ 12.5min/L
EVAPORATION CAPACITY/ETHANOL	≈ 13.5min/L	≈ 16min/L	≈ 24.5min/L	≈ 27min/L
DIMENSIONS	990*550*1740mm	1120*680*1900mm	1205*720*2100mm	1345*770*2345mm
WEIGHT	85Kg	90Kg	130Kg	145Kg
POWER SUPPLY VOLTAGE	Leakage, overcurrent, overload			

100L LARGE ROTARY EVAPORATORS LRE SERIES

The evaporation flask rotates at a constant speed and the water bath is heated at a constant temperature. Under this condition: the material forms a large-area uniform thin film on the inner wall of the evaporation bottle for quick evaporation. The evaporation efficiency can be improved under vacuum conditions (a vacuum device needs to be connected). When the solvent vapor passes through the glass condenser coil, the vapor is cooled to a liquid (a cooling device need to be connected) and recycled in a collection flask.

- USING BRUSHLESS DECELERATION BOOSTER MOTOR AS ROTARY MOTOR, NO SPARK AND LOW NOISE.
- VACUUM SWITCHING VALVE CAN CONTINUOUSLY COLLECT AND DISCHARGE MATERIALS WITHOUT AFFECTING THE SYSTEM VACUUM AND SOLUTION DISTILLATION
- OVER-TEMPERATURE PROTECTION FUNCTION, WHEN THE ACTUAL TEMPERATURE> SETTING TEMPERATURE+5 °C , THE MACHINE WILL AUTOMATICALLY POWER OFF.
- ANTI-DRYING FUNCTION, WHEN THE WATER LEVEL IN THE HEATING BATH IS LOWER THAN THE HEATING TUBE, THE MACHINE WILL AUTOMATICALLY POWER OFF.
- IF THE POWER IS SUDDENLY CUT OFF WHILE THE MACHINE IS WORKING, THE MACHINE WILL AUTOMATICALLY STOP HEATING WHEN THE POWER IS TURNED ON AGAIN.



PRODUCT ANALYSIS:

- | | | |
|-----------------------------------|----------------------------|-----------------------|
| 1. Vacuum nozzle | 6. Swivel bottle | 11. Feeding valve |
| 2. Vacuum gauge | 7. Thermostatic water bath | 12. Three-way bottle |
| 3. Three-way bottle locking screw | 8. Main condenser | 13. Control panel |
| 4. Machine head | 9. Condenser card | 14. Collection bottle |
| 5. Swivel bottle locking screw | 10. Auxiliary condenser | |

SPECIFICATION

MODEL	LRE-100L
VOLTAGE/FREQUENCY	380V/50HZ
TOTAL POWER	15160W
ROTARY MOTOR POWER	120W1/5
LIFTING MOTOR POWER	40W1/12.5
HEATING POWER	15KW
VACUUM	0.095Mpa
ROTARY FLASK VOLUME	100LΦ610mm/Φ180 flange port
COLLECTING FLASK VOLUME	50LΦ470mm/upper Φ80 flange port×Φ35 flange port×2pcs×lower Φ80 flange port
ROTARY SPEED	0-120rpm/min
TEMPERATURE CONTROL RANGE	Room temperature-180°C
TEMPERATURE CONTROL ACCURACY	±1°C
BATH LIFTING STROKE	215mm
CONDENSER DIMENSION	Main condenser Φ230×950H(mm), upper Φ80 flange port, lower Φ263 flange port Auxiliary condenser Φ230×530H(mm), upper Φ263 flange port, lower Φ80 flange port, side Φ100 flange port
CONDENSING AREA	2.3(1.5+0.8)m ²
GAS CYLINDER	Left Φ45 flange port, side Φ100 flange port, right Φ100 flange port
MATERIAL FEEDING VALVE	Φ45 flange port, glass+PTFE valve, feeding valve (pagoda joint) with 16mm outer diameter
MULTI-FUNCTION PORT	Φ35 flange port, glass+PTFE valve, glass nozzle (pagoda joint) with 12mm outer diameter
RELEASING VALVE	Φ35 flange port×2pcs, glass+PTFE valve, releasing nozzle(pagoda joint)with 12mm outer diameter
MATERIAL DISCHARGING VALVE	Φ80 flange port, side discharging valve (pagoda joint)with 20mm outer diameter, 260mm from the ground
VACUUM NOZZLE	Φ80 flange port, nozzle(pagoda joint)with 16mm outer diameter
IN AND OUT CIRCULATING NOZZLE OF CONDENSER COIL	Pagoda joint with 16mm outer diameter
BATH DIMENSION/WEIGHT	Φ700×400H(mm) about 153L
OVERALL DIMENSION(W*D*H)	1700*850*2600mm
NET WEIGHT	270KG
PACKING DIMENSION	1670*860*1570mm wooden package 2.25m ³
PACKING WEIGHT	366KG

DIGITAL ROTARY EVAPORATOR



Product analysis:
It is highly used in chemical industries,
pharmaceutical industries and also
higher learning institution

RE100-PRO

FEATURES AND ADVANTAGES

- Digital LCD display of both rotation speed and heating temperature allow for optimal control of all distillation processes
- Automatic motor lift releases the evaporating flask to a safe position in case of power failure
- 4.5L heating bath with wide temperature range from room temperature to 180°C Water/oil heating mode can be changed only through a switch
- Overheating protection temperature at 220°C
- Condenser (cooling surface 1700cm²) with excellent cooling effect
- Ejection mechanism ensures easy removal of evaporating flask
- Optional glassware with explosion proof film available

RE100-PRO SPECIFICATION

EVAPORATING FLASK VOLUME	50-3000mL
TEMPERATURE RANGE	Room temp.-180°C
TEMPERATURE CONTROL ACCURACY	151A Water:± 1°C ; oil:±3°C 60W
SPEED RANGE	20-280rpm
DIRECTION OF ROTATION	Clockwise and counterclockwise
EVAPORATION CAPACITY	1.56L/h
ULTIMATE VACUUM	/
TEMPERATURE CONTROL	Micro processor PID control
DISPLAY	LCD
TIMER	Yes
TIME SETTING RANGE	1-999min
LIFTING MODE	Motorized
LIFTING STROKE	150mm
HEATING BATH SIZE	/
MOTOR TYPE	Brushless DC motor
HEATING POWER	1300W
POWER	1400W
VOLTAGE/FREQUENCY	100-120/200-240V, 50/60Hz
DIMENSION[D×W×H]	465×457×583mm
WEIGHT	15kg
PERMISSIBLE AMBIENT TEMPERATURE	5-40°C
PERMISSIBLE AMBIENT HUMIDITY	≤ 80% RH
PROTECTION CLASS	IP20
USB INTERFACE	Yes
SAFETY FEATURES	Motor over-current protection, earth-leakage protection lifting overload protection, Boil-dry protection, Overheating protection
APPLICATIONS	Chemical research, pharmaceutical manufacturing, food processing, cosmetics manufacturing, and chemical laboratories.



LED DIGITAL ROTARY EVAPORATOR



Product analysis:
It is highly used in chemical industries,
pharmaceutical industries
and also higher learning institution

RE100-S

FEATURES AND ADVANTAGES

1. 1.5L heating bath with a wide temperature range (room temp. to 180 °C).
2. Independent temperature control makes it can be used separately. Water/oil heating mode can be changed just through a switch
3. Adjustable immersion angle
4. Ejection mechanism ensures easy exchange of evaporating flask
5. PID control ensures high temperature accuracy at ±1° C (water)
6. Overheating protection temperature at 220° C
7. Condenser (cooling surface 1200 / 1700cm² for selection), speeding up the flow rate of liquid with excellent cooling effect
8. Ejection mechanism ensures easy exchange of evaporating flask

RE100-S SPECIFICATION

EVAPORATING FLASK VOLUME	50-3000mL
TEMPERATURE RANGE	Room temp.-180°C
TEMPERATURE CONTROL ACCURACY	Water:±1°C ; oil:±3°C
SPEED RANGE	20-200rpm
DIRECTION OF ROTATION	Clockwise and counterclockwise
EVAPORATION CAPACITY	1.56L/h
ULTIMATE VACUUM	/
TEMPERATURE CONTROL	Micro processor PID control
DISPLAY	LCD
TIMER	Yes
TIME SETTING RANGE	1-999min
LIFTING MODE	Manual
LIFTING STROKE	A110mm + auxiliary 100mm
HEATING BATH SIZE	300×300×240mm
MOTOR TYPE	Brushless DC motor
HEATING POWER	1200W
POWER	12450W
VOLTAGE/FREQUENCY	100-120/200-240V, 50/60Hz
DIMENSION[D×W×H]	Main Unit:440×320×450mm
WEIGHT	Main Unit:7kg Heating Bath:3kg
PERMISSIBLE AMBIENT TEMPERATURE	5-40°C
PERMISSIBLE AMBIENT HUMIDITY	≤ 80% RH
PROTECTION CLASS	IP20
USB INTERFACE	Yes
SAFETY FEATURES	Motor over-current protection, earth-leakage protection lifting overload protection, Boil-dry protection, Overheating protection
APPLICATIONS	Chemical research, pharmaceutical manufacturing, food processing, cosmetics manufacturing, and chemical laboratories.



LCD INDUSTRIAL DIGITAL ROTARY EVAPORATOR



RE200-PRO

Product analysis:
It is highly used in chemical industries,
pharmaceutical industries
and also higher learning institution

FEATURES AND ADVANTAGES

1. 1.5L heating bath with a wide temperature range (room temp. to 180 °C).
2. Independent temperature control makes it can be used separately. Water/oil heating mode can be changed just through a switch
3. Adjustable immersion angle
4. Ejection mechanism ensures easy exchange of evaporating flask
5. PID control ensures high temperature accuracy at ±1° C (water)
6. Overheating protection temperature at 220° C
7. Condenser (cooling surface 1200 / 1700cm² for selection), speeding up the flow rate of liquid with excellent cooling effect
8. Ejection mechanism ensures easy exchange of evaporating flask

RE200-PRO SPECIFICATION

EVAPORATING FLASK VOLUME	20L
TEMPERATURE RANGE	Room temp. -180°C (water and oil bath)
TEMPERATURE CONTROL ACCURACY	Water:±1°C ; oil:±3°C
SPEED RANGE	10-150rpm
DIRECTION OF ROTATION	Clockwise and counterclockwise
EVAPORATION CAPACITY	Max.4.0L/h (water)
ULTIMATE VACUUM	Less 2.6hpa
TEMPERATURE CONTROL	Micro processor PID control
DISPLAY	LCD (temperature/speed/clockwise and Anti-clockwise/time)
TIMER SETTING RANGE	0-999min
LIFTING MODE	Motorized
LIFTING STROKE	180mm
HEATING BATH SIZE	Ø450×240mm
MOTOR TYPE	Brushless DC motor
HEATING POWER	4400W
POWER	4600W
VOLTAGE/FREQUENCY	220V, 50/60Hz
DIMENSION[D×W×H]	1160×600×1860mm
WEIGHT	106kg
PERMISSIBLE AMBIENT TEMPERATURE	5-40°C
PERMISSIBLE AMBIENT HUMIDITY	≤ 80% RH
PROTECTION CLASS	IP20
USB INTERFACE	/
SAFETY FEATURES	Motor over-current protection, earth-leakage protection lifting overload protection, Boil-dry protection, Overheating protection
APPLICATIONS	Suitable for large-scale applications in pilot production, biotechnology, pharmaceutical manufacturing, chemical engineering, cosmetics, and the food industry.

SINGLE-LAYER GLASS REACTOR

The expandable modular reactor is known as a "small factory". The system is mainly used to repeat and optimize the chemical reaction process in the laboratory and simulate the chemical reaction process in production.

Mainly used for experiments or production such as stirring synthesis, chemical reaction, vacuum distillation, concentration, etc. at a constant temperature. The kettle body is made of single-layer glass. The kettle can be evacuated to a vacuum state as needed. Self-contained heating constant temperature device; water-oil bath pot and electric heating jacket are optional.

SCOPE OF APPLICATION:

Applied in scientific research and industrial applications in the fields of chemistry, biopharmaceuticals, food engineering, environmental protection, medicine, new materials, etc.

WORKING PRINCIPLE:

Use the original constant temperature heating bath pot/electric heating jacket to carry out various biochemical reactions and synthesis reactions under constant temperature conditions. The whole system is closed and can be pumped to a negative pressure state as needed. The regulating valve of the constant pressure dropping funnel is adjusted to control the uniform dropping of materials. The heat exchange function of the condenser can be used to distill and recover the reaction products.

SUPPORTING SYSTEM:

It can be combined with vacuum pump, vacuum controller, low temperature coolant circulation pump, distillation collection device, etc. to form a supporting system to meet experimental and production conditions.



MINI SINGLE-LAYER GLASS REACTOR DF SERIES



**Standard
type**



**Upgraded
type**

Open-lid kettle, electric heating jacket heating



**Upgraded
type**

Open-lid kettle, lifting bath heating



**Upgraded
type**

Open-lid kettle, lifting bath heating

01

VARIABLE FREQUENCY DIGITAL DISPLAY SPEED REGULATOR, HIGH-PERFORMANCE MOTOR

- ▶ Multiple safety protections, long-term operation.
- ▶ Powerful power, smooth stirring without shaking.



02

NEW STIRRING SEAL AND ANTI-CORROSION DESIGN

- ▶ Ensure the air tightness of the reactor, and the vacuum degree can reach -0.1Mpa.
- ▶ Resistant to acid, alkali, and organic solvent corrosion, no cross contamination.



03

INTELLIGENT MICROCOMPUTER TEMPERATURE CONTROL, TEMPERATURE DIFFERENCE $\pm 1^{\circ}\text{C}$

- ▶ LCD digital display temperature, key input.
- ▶ Water and oil dual-purpose bath pot/electric heating jacket, multiple heating methods.



04

THICKENED HIGH BOROSILICATE 3.3 GLASS

- ▶ Resistant to high and low temperatures, negative pressure, and easy to clean.
- ▶ Modular standard port design, can be freely expanded and modified.



DF-Series

Customization Center

We can provide customized solutions to meet your unique needs. If our standard product range does not meet your needs, please send us your detailed technical requirements online and our team will verify the feasibility of the parameters and provide a solution.



PRODUCT ANALYSIS:

- | | |
|---|--|
| 1. Digital display frequency converter | 7. Vacuum nozzle |
| 2. Stirring motor | 8. Condenser |
| 3. Constant pressure dropping funnel | 9. PTFE stirring rod |
| 4. New PTFE seal | 10. Glass piston |
| 5. Single-layer kettle | 11. Thermometer sleeve |
| 6. Thermostatic bath with water and oil heating | 12. PID intelligent digital display thermostat |

- | | |
|--|---|
| DIGITAL DISPLAY OF TEMPERATURE AND SPEED | ONE-BUTTON START AND STOP HEATING |
| MATERIAL IN CONTACT WITH THE PRODUCT: HIGH BOROSILICATE GLASS, POLYTETRAFLUOROETHYLENE | INTELLIGENT MICROCOMPUTER HEATING CONSTANT TEMPERATURE, HIGH TEMPERATURE CONTROL ACCURACY |
| CAN BE CUSTOMIZED AND MODIFIED ACCORDING TO NEEDS | EX EXPLOSION-PROOF TYPE AND EXPLOSION-PROOF GRADE EXDIIBT4 CAN BE INSTALLED |

SPECIFICATION

TECHNICAL PARAMETERS	DF-1L	DF-2L	DF-3L	DF-5L
CAPACITY OF KETTLE	1L	2L	3L	5L
GLASS TEMPERATURE RESISTANCE	-120°C to 560°C			
GLASS TEMPERATURE DIFFERENCE LIMIT	≤ 80°C			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
VACUUM SEAL	New PTFE + fluorine rubber double sea			
ANTI-CORROSION PERFORMANCE	Acid and alkali resistant and corrosion resistant			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
STIRRING ROD MATERIAL	Stainless steel covered with PTFE/paddle type			
STIRRING SPEED	60-1000rpm			
MOTOR POWER	60W		90W	
HEATING METHOD	Water and oil dual-purpose bath pot/electric heating mantle			
TEMPERATURE CONTROL RANGE	Room temperature~299°C			
TEMPERATURE CONTROL ACCURACY	±1°C			
TEMPERATURE CONTROL SYSTEM	PID microcomputer intelligent constant temperature			
HEATING POWER	1.5KW		2KW	
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection			
NUMBER OF KETTLE OPENINGS	5			
DIMENSIONS	370*340*900mm	370*340*920mm	370*400*980mm	400*400*1060mm
WEIGHT	24Kg	26Kg	30Kg	32Kg
POWER SUPPLY VOLTAGE	110V/220V			

DF SERIES MEDIUM LARGE SINGLE-LAYER GLASS REACTOR



01

FREQUENCY CONVERSION LCD DIGITAL DISPLAY
SPEED REGULATION, HIGH-PERFORMANCE MOTOR

- ▶ Medium, high and low speeds are accurate and flexible
- ▶ Applicable to various liquids, powders, granules, solids, pastes and other materials



02

INTELLIGENT MICROCOMPUTER TEMPERATURE CONTROL, WATER AND OIL DUAL-PURPOSE BATH POT

- ▶ LCD digital display temperature, key input
- ▶ High precision temperature control, temperature difference of 1° C
- ▶ Fast heating, intelligent constant temperature



03

NEW STIRRING SEAL TO ENSURE THE AIRTIGHTNESS OF THE REACTOR

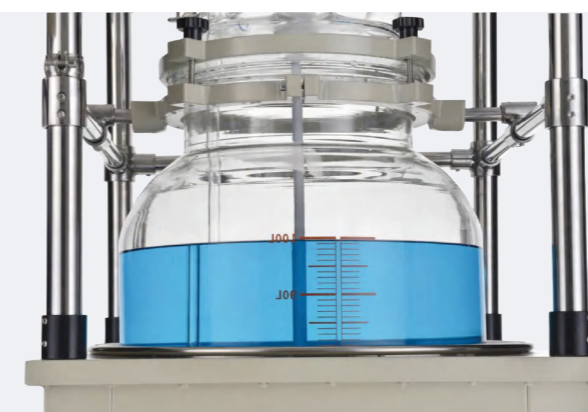
- ▶ Vacuum degree up to -0.1Mpa
- ▶ Resistant to acid, alkali and organic solvent corrosion

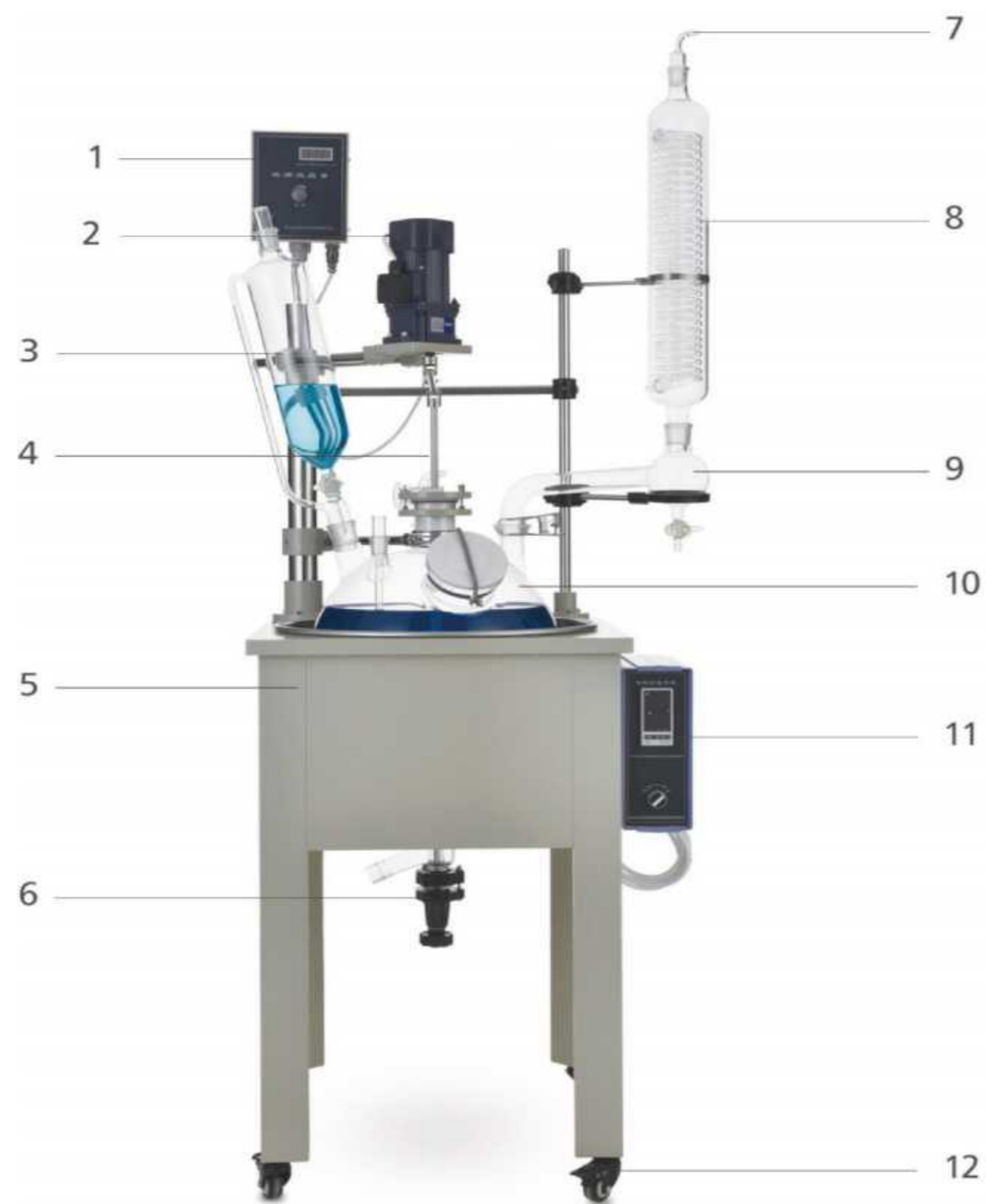


04

THICKENED HIGH BOROSILICATE 3.3 GLASS, RESISTANT TO HIGH AND LOW TEMPERATURES

- ▶ Can operate in vacuum for a long time, glass is easy to clean
- ▶ Durable and not fragile





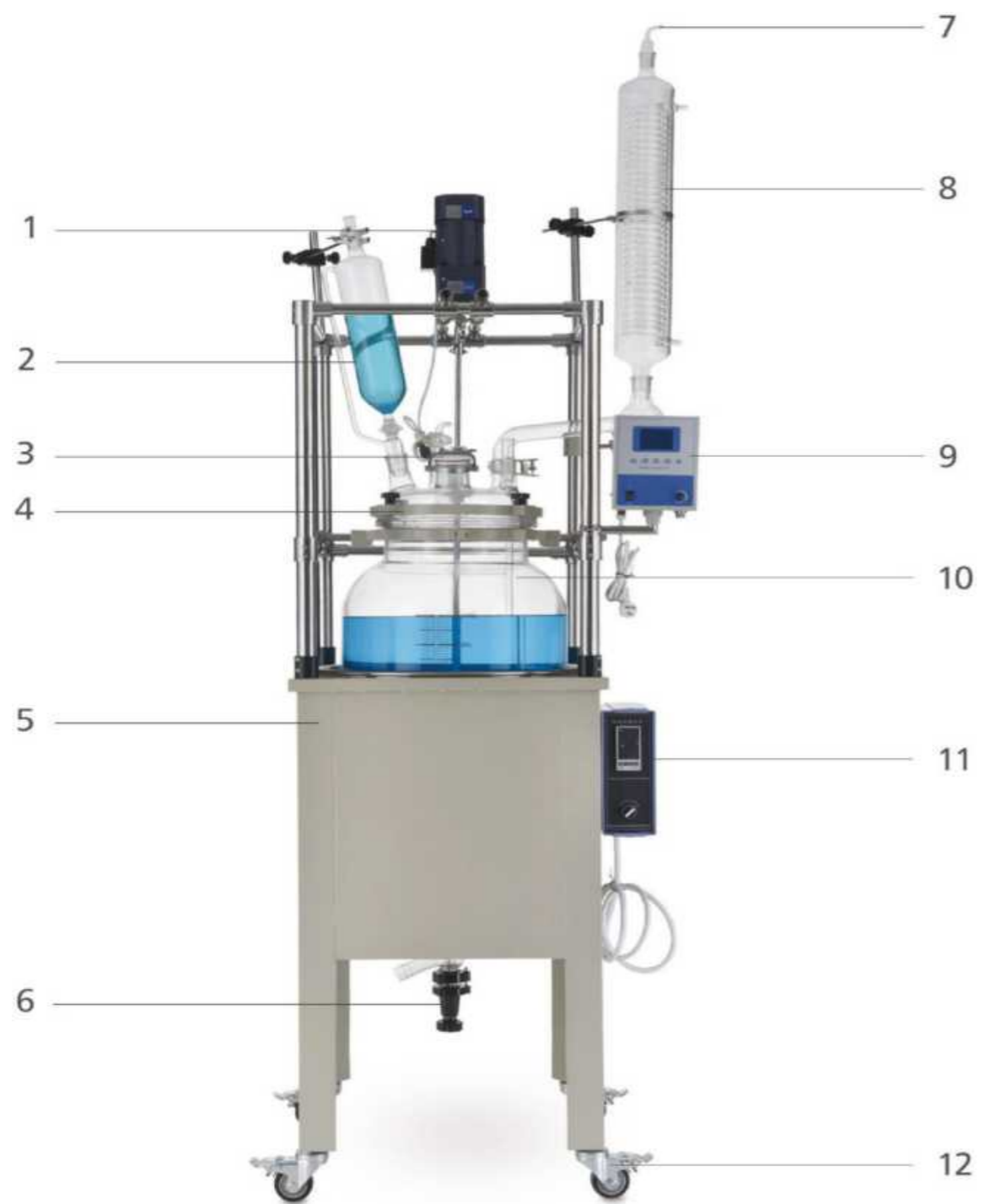
PRODUCT ANALYSIS:

- | | |
|--|---|
| 1.Digital display frequency converter | 6.Discharge valve |
| 2.High-performance national standard motor | 7.Vacuum exhaust nozzle |
| 3.Constant pressure dropping funnel | 8.High-efficiency double serpentine condenser |
| 4.Anti-corrosion stirring rod | 9.Reflux bottle |
| 5.Water and oil dual-purpose heating constant temperature bath | 10.Single-layer kettle body |
| | 11.Intelligent digital display temperature controller |
| | 12.Universal mobile casters |

DF-Series

SPECIFICATION

MODEL	DF-10L	DF-20L	DF-30L	DF-50L
CAPACITY OF KETTLE	10L	20L	30L	50L
GLASS TEMPERATURE RESISTANCE	-120°C ~ 560°C			
GLASS TEMPERATURE DIFFERENCE LIMIT	≤ 80°C			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
VACUUM SEAL	New PTFE + fluorine rubber double sea			
ANTI-CORROSION PERFORMANCE	Acid and alkali resistant and corrosion resistant			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
STIRRING ROD MATERIAL	Stainless steel covered with PTFE/paddle type			
STIRRING SPEED	60-600rpm			
MOTOR POWER	90W 1/3			120W 1/3
HEATING METHOD	Water and oil dual-purpose bath pot/electric heating mantle			
TEMPERATURE CONTROL RANGE	Room temperature~299°C			
TEMPERATURE CONTROL ACCURACY	±1°C			
TEMPERATURE CONTROL SYSTEM	PID microcomputer intelligent constant temperature			
HEATING POWER	2KW	3KW	4KW	5KW
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection			
NUMBER OF KETTLE OPENINGS	6+1(Discharge port)			
DIMENSIONS	720*450*1680mm	720*580*1920mm	720*650*2000mm	750*680*2050mm
WEIGHT	66Kg	72Kg	85Kg	91Kg
POWER SUPPLY VOLTAGE	110V/220V			



PRODUCT ANALYSIS:

- 1.High-performance motor
- 2.Constant pressure dropping funnel
- 3.Anti-corrosion stirring rod
- 4.Separate kettle cover
- 5.Water and oil dual-purpose heating constant temperature bath
- 6.Discharge valve
- 7.Vacuum exhaust nozzle
- 8.High-efficiency double serpentine condenser
- 9.Digital display variable frequency speed regulator
- 10.Single-layer kettle body
- 11.Intelligent digital display temperature controller
- 12.Universal mobile casters

DF-Series

SPECIFICATION

MODEL	DF-100L	DF-150L	DF-200L
CAPACITY OF KETTLE	100L	150L	200L
GLASS TEMPERATURE RESISTANCE	-120°C ~ 560°C		
GLASS TEMPERATURE DIFFERENCE LIMIT	≤ 80°C		
ULTIMATE VACUUM DEGREE	-0.1Mpa		
VACUUM SEAL	New PTFE + fluorine rubber double sea		
ANTI-CORROSION PERFORMANCE	Acid and alkali resistant and corrosion resistant		
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display		
STIRRING ROD MATERIAL	Stainless steel covered with PTFE/paddle type		
STIRRING SPEED	60-600rpm		
MOTOR POWER	250w 1/3	400w 1/3	
HEATING METHOD	Water and oil dual-purpose bath pot/electric heating jacket		
TEMPERATURE CONTROL RANGE	Room temperature~299°C		
TEMPERATURE CONTROL ACCURACY	±1°C		
TEMPERATURE CONTROL SYSTEM	PID microcomputer intelligent constant temperature		
HEATING POWER	7.5KW	12KW	14KW
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection		
NUMBER OF KETTLE OPENINGS	6		
DIMENSIONS	720*620*2600mm	720*780*2800mm	730*790*2900mm
WEIGHT	151Kg	204Kg	237Kg
POWER SUPPLY VOLTAGE	220V~380V/50HZ		380V/50HZ

SINGLE/DOUBLE/TRIPLE LAYER GLASS REACTOR

The expandable modular reactor is known as a "small factory". The system is mainly used to repeat and optimize the chemical reaction process in the laboratory and simulate the chemical reaction process in production.

It is mainly used for experiments such as material synthesis, distillation, and concentration. The kettle structure is divided into three types: single-layer, double-layer, and triple-layer. The kettle can be pumped to a negative pressure state as needed, and a constant temperature circulation tank is required for heating/cooling constant temperature. It meets experimental or production conditions.

SCOPE OF APPLICATION:

Applied in scientific research and industrial applications in the fields of chemistry, biopharmaceuticals, food engineering, environmental protection, medicine, new materials, etc.

WORKING PRINCIPLE:

The heating/cooling constant temperature circulation tank is used to control the temperature and then conduct various biochemical reactions and synthesis reactions under constant temperature conditions. The whole system is closed and can be pumped to a negative pressure state as needed. The regulating valve of the constant pressure dropping funnel is adjusted to control the uniform dropping of materials. The heat exchange function of the condenser can be used to distill and recover the reaction products.

SUPPORTING SYSTEM:

It can be combined with vacuum pump, vacuum controller, low-temperature coolant circulation pump, distillation collection device, heating circulation tank, high and low temperature integrated machine to form a supporting system to meet experimental and production conditions.



SF SERIES DOUBLE GLASS REACTOR



01

VARIABLE FREQUENCY DIGITAL DISPLAY SPEED REGULATOR, HIGH-PERFORMANCE MOTOR

- ▶ Multiple safety protections, long-term operation.
- ▶ Powerful power, smooth stirring without shaking.



02

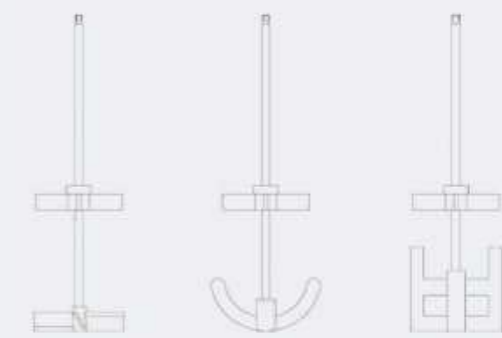
DOUBLE-LAYER GLASS JACKET STRUCTURE

- ▶ The inner layer is filled with reaction materials. A circulating fluid of a certain temperature is injected into the glass interlayer to heat/cool the constant temperature.

03

VARIOUS TYPES OF STIRRING PADDLES ARE AVAILABLE

- ▶ Select according to different material properties and viscosities. Material: SUS304, SUS316, PTFE.



Paddle type

Anchor type

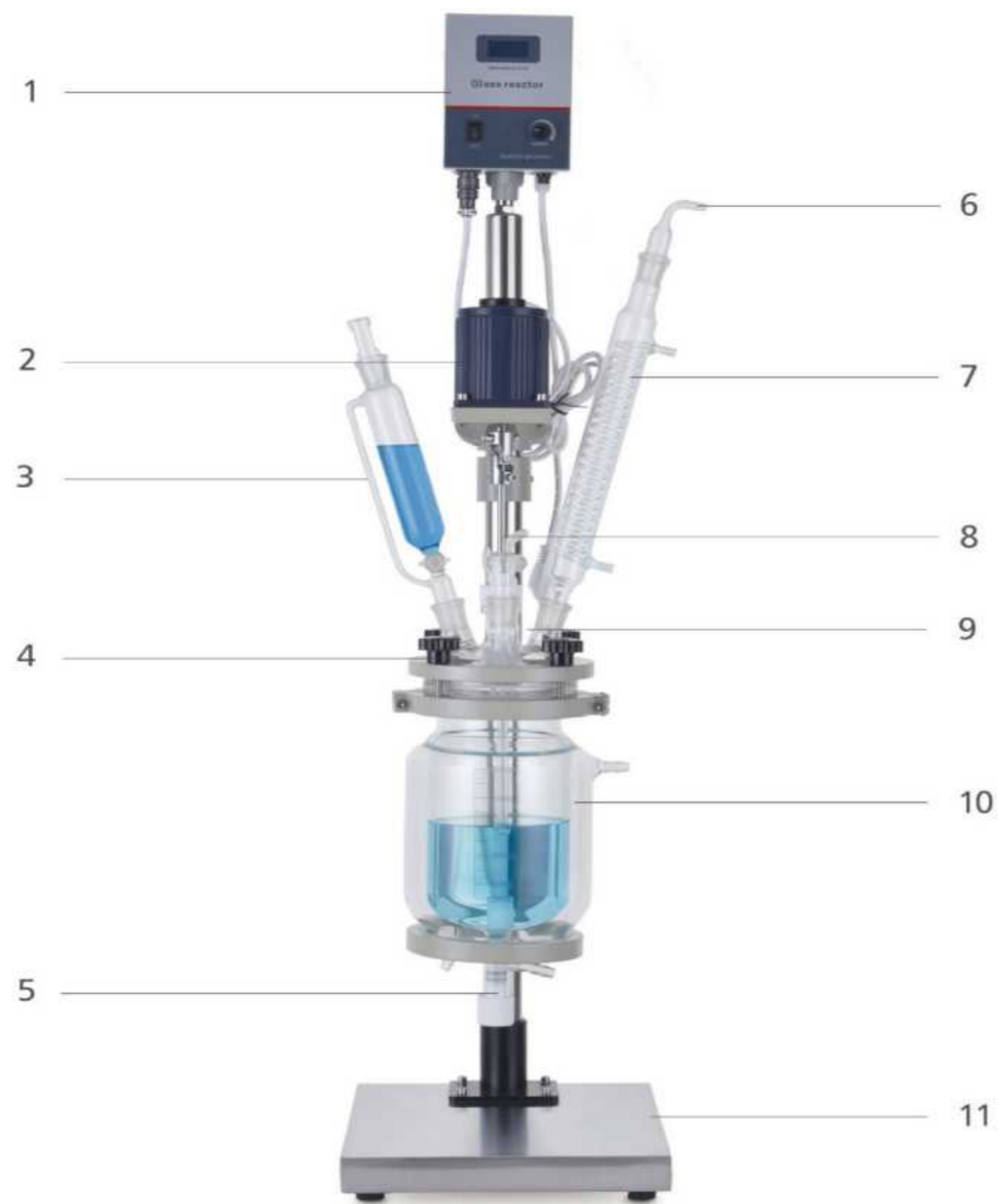
Frame type

04

THE BOTTOM IS EQUIPPED WITH A DISCHARGE VALVE

- ▶ The top-up inclined discharge method is adopted to ensure that there is no leakage during the reaction process and no liquid accumulation during the discharge process.





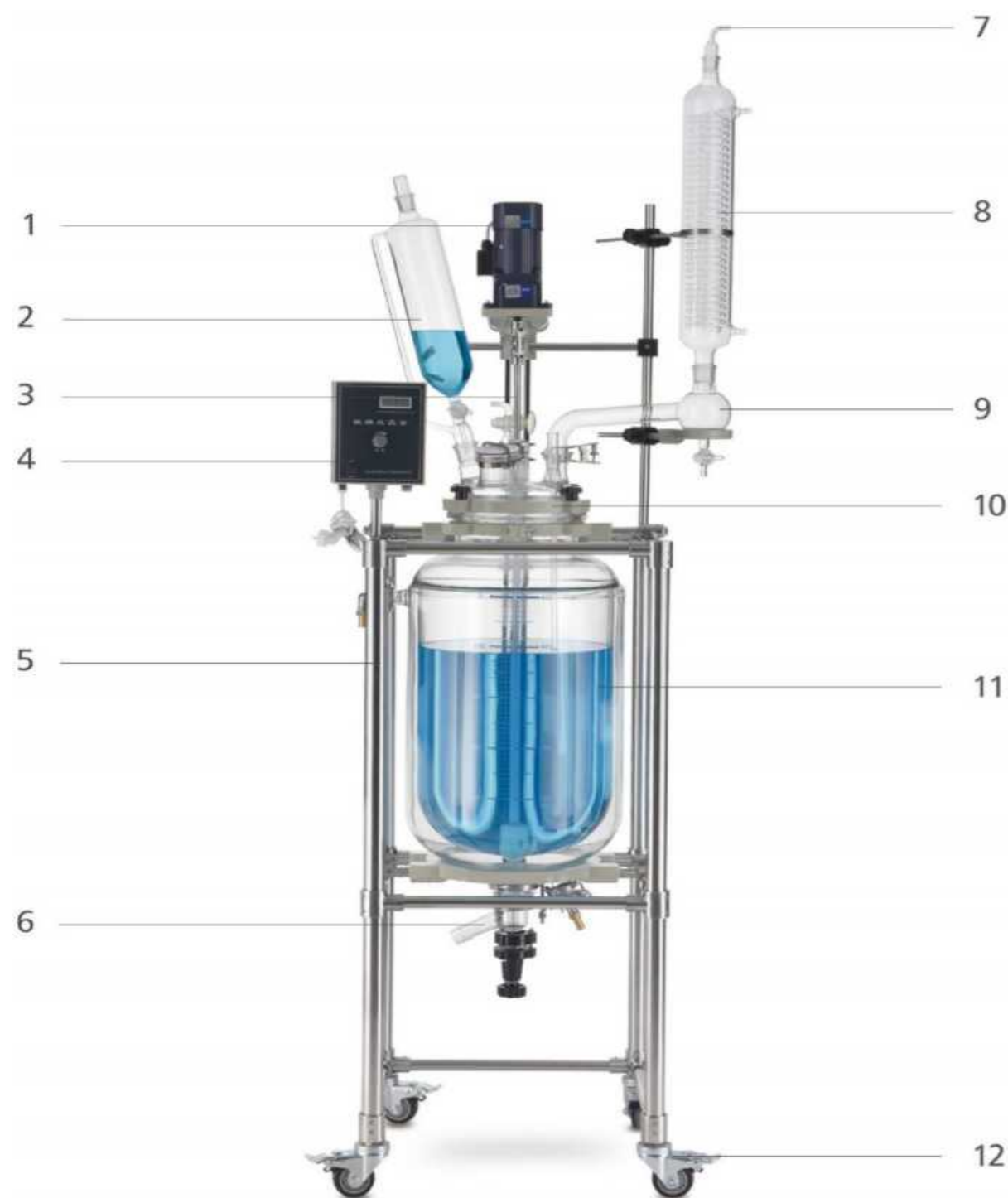
PRODUCT ANALYSIS:

- 1 Digital frequency converter
- 2 Stirring motor
- 3 Constant pressure dropping funnel
- 4 Glass kettle cover
- 5 Top discharge valve
- 6 Thermometer sleeve
- 7 Condenser
- 8 Stirring rod
- 9 Thermometer sleeve
- 10 Double-layer glass kettle body
- 11 Bottom plate

SF-Series

SPECIFICATION

TECHNICAL PARAMETERS	SF-1L	SF-2L	SF-3L	SF-5L
CAPACITY OF KETTLE	1L	2L	3L	5L
VOLUME OF SANDWICH	0.3L	0.6L	0.9L	1.5L
CHARACTERISTICS OF GLASS MATERIAL	Thickened 3.3 high borosilicate			
HEAT RESISTANCE OF GLASS	-120°C ~560°C			
LIMIT OF TEMPERATURE DIFFERENCE OF GLASS	≤ 80°C			
WORKING PRESSURE	Negative pressure or normal pressure			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
VACUUM SEAL	New PTFE + fluorine rubber double seal			
ANTI-CORROSION PERFORMANCE	Resistant to acid, alkali and organic solvent corrosion			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
MATERIAL OF STIRRING ROD	Stainless steel covered with PTFE/paddle type			
STIRRING SPEED	60-1000rpm			
MOTOR POWER	40W		90W	
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection			
NUMBER OF KETTLE MOUTHS	5			
DIMENSIONS	400*340*1070mm	400*310*1250mm	430*340*1250mm	450*600*1500mm
WEIGHT	24Kg	28.3Kg	29Kg	39.5Kg
POWER SUPPLY VOLTAGE	110-60Hz OR 220V-240V-50/60Hz			



PRODUCT ANALYSIS:

- 1 National standard motor
- 2 Constant pressure dropping funnel
- 3 PTFE stirring rod
- 4 Digital display variable frequency speed regulator
- 5 Stainless steel frame
- 6 Top discharge valve
- 7 Vacuum exhaust nozzle
- 8 High-efficiency double serpentine condenser
- 9 Reflux bottle
- 10 Glass kettle cover
- 11 Double-layer glass kettle body
- 12 Universal movable casters

SF-Series

SPECIFICATION

TECHNICAL PARAMETERS	SF-10L	SF-20L	SF-30L	SF-50L
CAPACITY OF KETTLE	10L	20L	30L	50L
VOLUME OF SANDWICH	3L	6L	9L	15L
CHARACTERISTICS OF GLASS MATERIAL	Thickened 3.3 high borosilicate			
HEAT RESISTANCE OF GLASS	-120°C ~560°C			
LIMIT OF TEMPERATURE DIFFERENCE OF GLASS	≤ 80°C			
WORKING PRESSURE	Negative pressure or normal pressure			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
VACUUM SEAL	New PTFE + fluorine rubber double seal			
ANTI-CORROSION PERFORMANCE	Resistant to acid, alkali and organic solvent corrosion			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
MATERIAL OF STIRRING ROD	Stainless steel covered with PTFE/paddle type			
STIRRING SPEED	60-600rpm			
MOTOR POWER	90W 1/3			120W 1/3
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection			
NUMBER OF KETTLE MOUTHS	6			
DIMENSIONS	500*520*1840mm	580*660*2000mm	620*680*2220mm	700*700*2400mm
WEIGHT	70.4Kg	77.5Kg	83Kg	94Kg
POWER SUPPLY VOLTAGE	110-60Hz OR 220V-240V-50/60Hz			



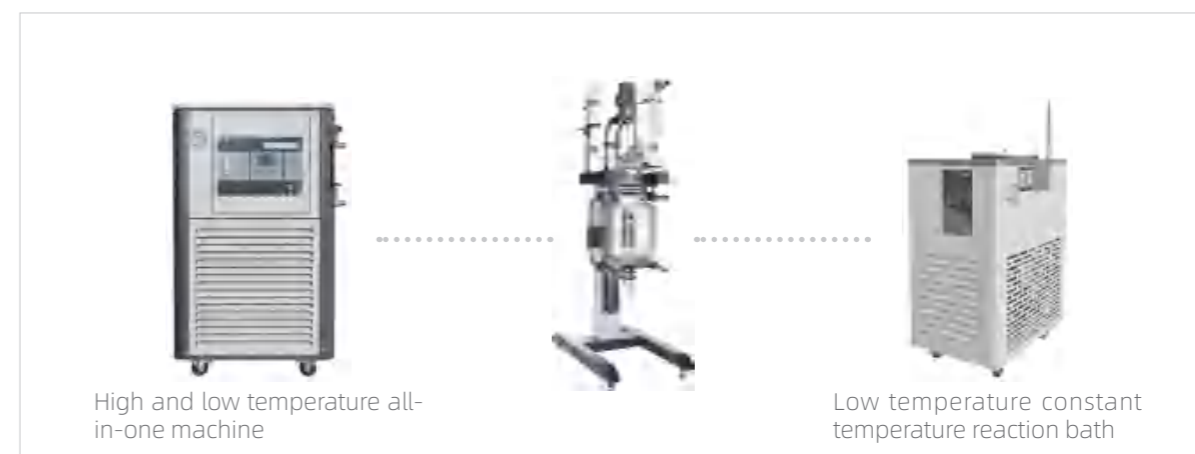
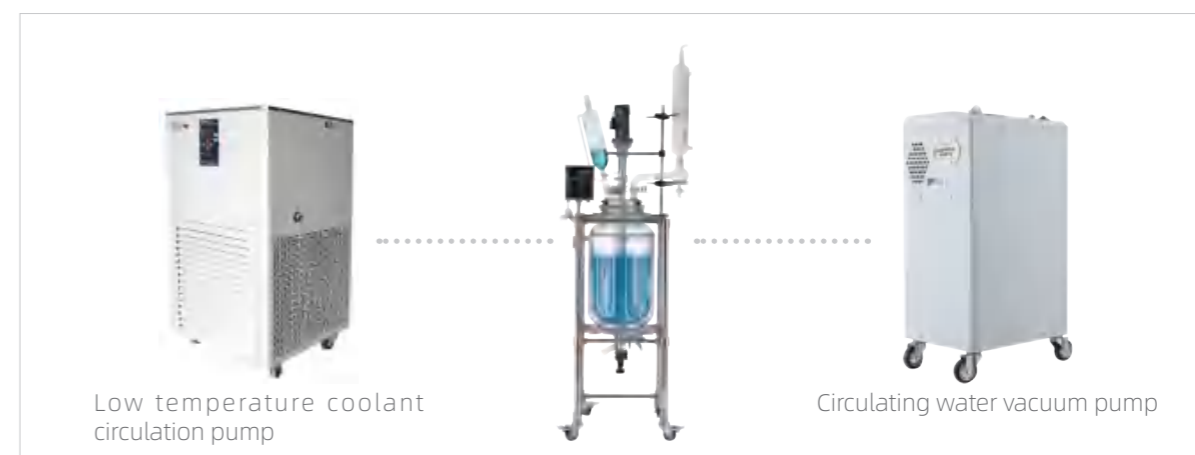
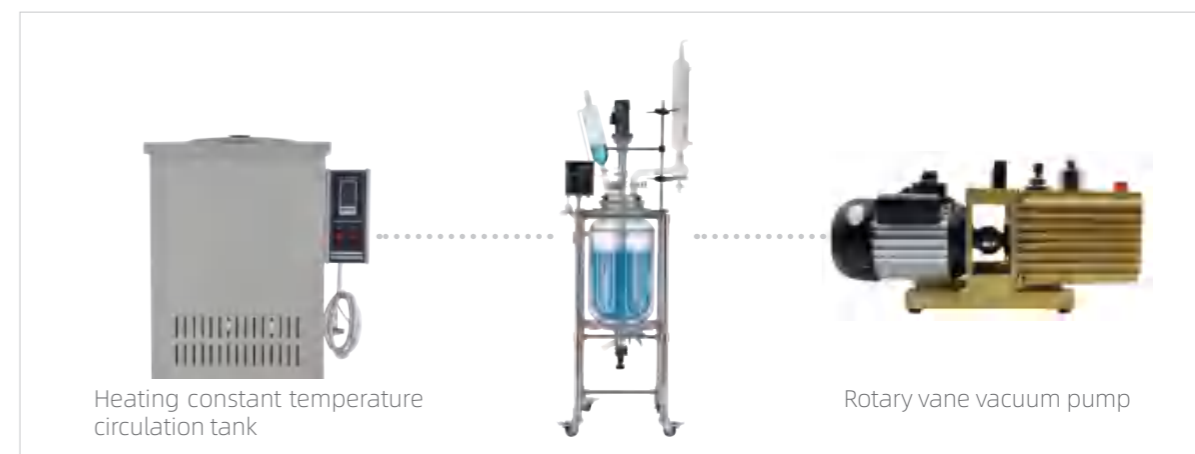
PRODUCT ANALYSIS:

- 1 Power booster motor
- 2 Constant pressure dropping funnel
- 3 Stirring rod
- 4 Digital frequency converter
- 5 Stainless steel frame
- 6 Discharge valve
- 7 Vacuum nozzle
- 8 Snake condenser
- 9 Reflux separator
- 10 Glass kettle cover
- 11 Double-layer glass kettle body
- 12 Universal casters

TECHNICAL PARAMETERS	SF-100L	SF-150L	SF-200L	
CAPACITY OF KETTLE	10L	20L	30L	
VOLUME OF SANDWICH	3L	6L	9L	
CHARACTERISTICS OF GLASS MATERIAL	Thickened 3.3 high borosilicate			
HEAT RESISTANCE OF GLASS	-120°C ~560°C			
LIMIT OF TEMPERATURE DIFFERENCE OF GLASS	≤ 80°C			
WORKING PRESSURE	Negative pressure or normal pressure			
ULTIMATE VACUUM DEGREE	-0.1Mpa			
VACUUM SEAL	New PTFE + fluorine rubber double seal			
ANTI-CORROSION PERFORMANCE	Resistant to acid, alkali and organic solvent corrosion			
SPEED SETTING DISPLAY	Frequency conversion speed regulation, LCD digital display			
MATERIAL OF STIRRING ROD	Stainless steel covered with PTFE/paddle type			
STIRRING SPEED	60-600rpm			
MOTOR POWER	90W 1/3		120W 1/3	
SAFETY FUNCTION	Motor overload stop, overvoltage protection, overcurrent protection			
NUMBER OF KETTLE MOUTHS	6			
DIMENSIONS	500*520*1840mm	580*660*2000mm	620*680*2220mm	700*700*2400mm
WEIGHT	70.4Kg	77.5Kg	83Kg	94Kg
POWER SUPPLY VOLTAGE	110-60Hz OR 220V-240V-50/60Hz			

RECOMMENDED PACKAGES

We provide a variety of temperature control equipment, vacuum acquisition equipment, synthetic distillation solutions, etc. for users to choose from. We can also provide customized solutions to meet your unique needs.



DOUBLE GLASS REACTOR

JSF SERIES LIFTING DOUBLE-LAYER GLASS REACTOR



01

RICH IN FUNCTIONS, MULTIPLE DATA DISPLAY

- ▶ Stirring speed, temperature, vacuum degree



02

FULLY SEALED

- ▶ Wear-resistant, corrosion-resistant, long service life
- ▶ outstanding sealing performance, ensuring airtightness inside the kettle



03

THE KETTLE CAN BE LIFTED AND TURNED FREELY

- ▶ The kettle cover and kettle body are separated from each other to achieve smooth lifting of the kettle body
- ▶ The kettle can be tilted around 120 °, making it easier to clean the kettle and discharge materials.

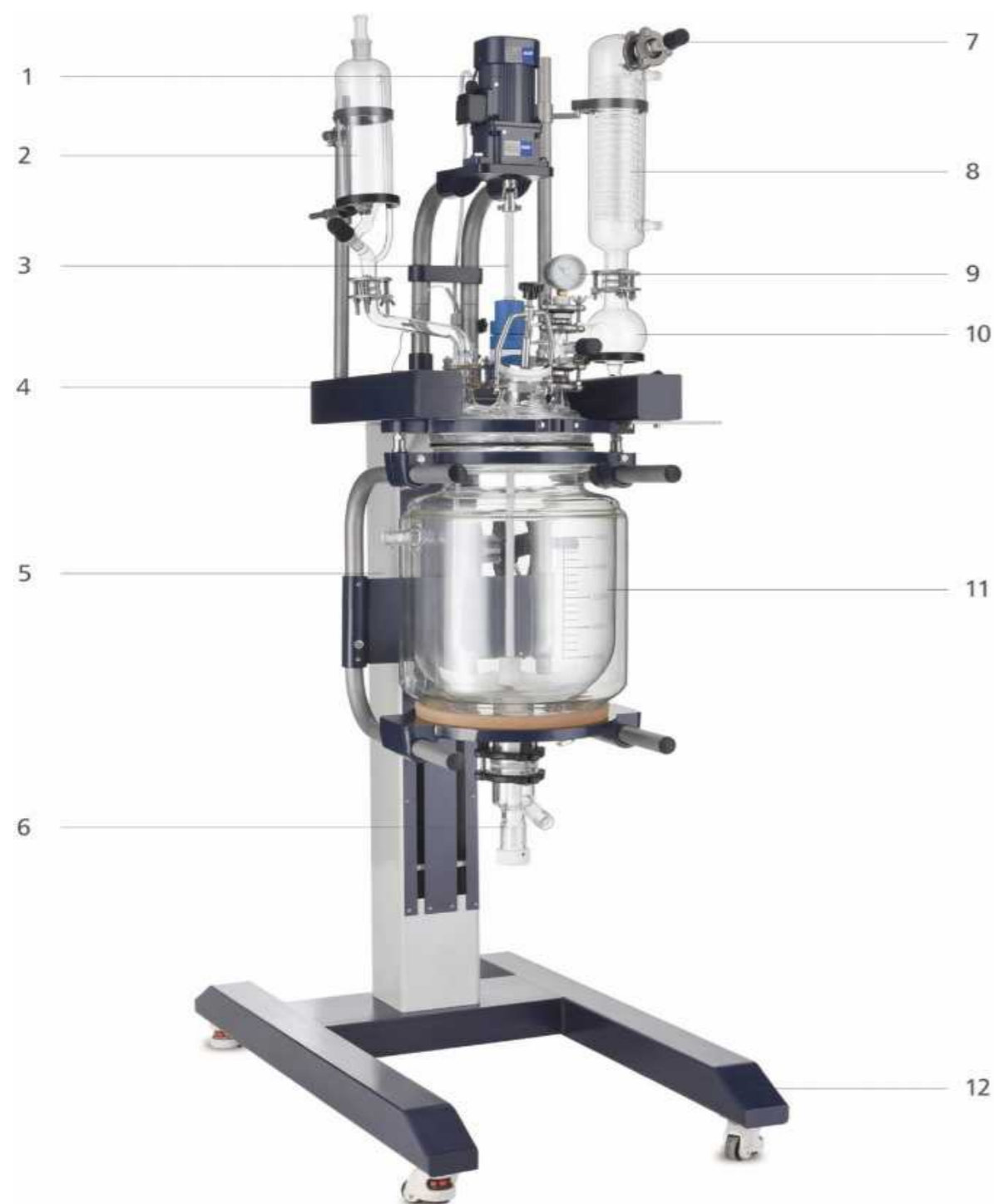


04

THICKENED FRAME MAKES THE MACHINE MORE STABLE

- ▶ The whole machine adopts an "I" shaped frame structure
- ▶ The base is firm and stable, and the mixer body does not shake





PRODUCT ANALYSIS:

- | | |
|--------------------------------------|-------------------------------|
| 1. Power-boosting motor | 7. Vacuum exhaust nozzle |
| 2. Constant pressure dropping funnel | 8. High-efficiency condenser |
| 3. Stirring rod | 9. Vacuum gauge |
| 4. Glass kettle cover | 10. Reflux bottle |
| 5. Kettle lifting device | 11. Double-layer glass kettle |
| 6. Top discharge valve | 12. Movable base |

- THICKENED HIGH BOROSILICATE 3.3 GLASS, FOUR-TIME ANNEALING PROCESS
- MATERIAL IN CONTACT WITH THE PRODUCT: HIGH BOROSILICATE GLASS, POLYTETRAFLUOROETHYLENE
- CAN BE CUSTOMIZED AND MODIFIED ACCORDING TO NEEDS
- THE KETTLE CAN BE RAISED AND LOWERED, AND ROTATED 120°
- INNER STAINLESS STEEL, OUTER POLYTETRAFLUOROETHYLENE STIRRING ROD
- EX EXPLOSION-PROOF TYPE AND EXPLOSION-PROOF GRADE EXDIBT4 CAN BE INSTALLED

SPECIFICATION

TECHNICAL PARAMETERS	JSF-10L	JSF-20L	JSF-30L	JSF-50L
EFFECTIVE VOLUME	10L	20L	30L	50L
VOLUME OF JACKET	3L	6L	10L	16L
HEAT EXCHANGE AREA OF JACKET	0.22m ³	0.32m ³		0.65m ³
HEAT EXCHANGE AREA OF CONDENSER	0.2m ³	0.3m ³		
GLASS MATERIAL	Thickened high borosilicate 3.3			
TEMPERATURE TOLERANCE OF KETTLE	-80°C to 200°C			
TEMPERATURE DIFFERENCE RESISTANCE OF KETTLE	90°C			
OPERATING PRESSURE	Vacuum or normal pressure			
MOTOR POWER	120W		180W	
ADJUSTMENT METHOD	Stepless speed regulation			
SPEED	10-500rpm			
OPENING OF KETTLE COVER	Stirring port, temperature sensor port, condenser liquid separation port, vacuum gauge port, constant pressure funnel port, solid feeding port			
INLET AND OUTLET OF KETTLE	DN15			
POWER SUPPLY OF THE WHOLE MACHINE	220V/50Hz			
DISTANCE OF DISCHARGE VALVE FROM THE GROUND	<590mm	<585mm	<540mm	
MATERIAL OF TEMPERATURE SENSOR	Stainless steel surface coated with PTFE, double anti-corrosion			
STIRRING	The rotary blade impeller and shaft are made of stainless steel and covered with PTFE			
DIMENSIONS	1100*660*1990mm	1100*655*2030mm	1100*665*2455mm	1100*680*2455mm