ROTARY EVAPORATOR
PART NO. RED-S200-U

condenser (included)

evaporation flask (included)

collection flask (included)

heating pot (included)
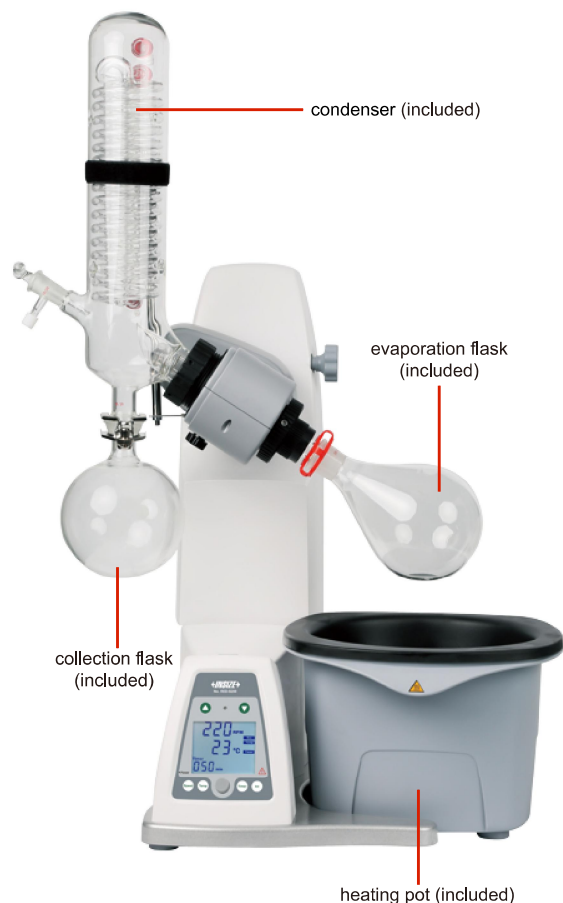
vacuum pump **(optional)**

coolant circulator **(optional)**

vacuum controller **(optional)**

secondary condenser assembly **(optional)**

- Widely used in pharmaceutical, chemical, environmental engineering, scientific research, food, etc.
- The LCD digital display screen can simultaneously show temperature and rotation speed, facilitating optimized control
- 5L dual-functional water & oil heating bath, heating temperature up to 180°C
- Equipped with overheat protection and dry-heating protection functions
- Supports adjustable rotation speed and alternating forward and reverse operation
- Equipped with double-layer high-elastic PTFE sealing ring and compression spring for superior sealing performance

SPECIFICATION

Motor type	brushless DC motor
Rotation speed range	20~280rpm
Displayed information	LED (speed/temperature/time)
Rotation direction	clockwise and counterclockwise rotation
Temperature range	RT~180°C
Temperature precision	water bath: ±1°C, oil bath: ±3°C
Heating power	1300W
Lifting stroke	automatic: 150mm
Alternating rotation time	1~999s
Enclosure protection grade	IP20
Temperature protection	220°C
Timer function	1min~999min
Work environment	41~104°F, <80%RH
Power supply	110V, 60Hz
Dimension (L×W×H)	18.31×17.99×22.95"
Net weight	33.07lb

STANDARD DELIVERY

Main unit	1 pc
Heating pot (5L)	1 pc
Condenser (NS 29/32, KS 35/20)	1 pc
Evaporation flask (1000mL, NS 29/32)	1 pc
Collection flask (1000mL, KS 35/20)	1 pc
Glass central shaft (NS 29/32)	1 pc
Sealing ring assembly (RED-S200-SR20)	1 set
Tool	1 set

OPTIONAL DELIVERY

Coolant circulator	RED-S200-LC20
Vacuum pump (corrosion resistant)	RED-S200-VP95
Vacuum controller	RED-S200-VR10
Moisture separator	RED-S200-MS25
Secondary condenser assembly	RED-S200-TC20
Heating pot protective shield	RED-S200-RH45

GLASS ACCESSORY (OPTIONAL)

Name	Code	Specification	Interface size
Condenser	RED-S200-CD01	condensation area 1700cm²	NS 29/32, KS 35/20
	RED-S200-CD02	condensation area 1700cm²	NS 24/40, KS 35/20
Evaporation flask	RED-S200-EF01	50mL	NS 29/32
	RED-S200-EF02	100mL	
	RED-S200-EF03	250mL	
	RED-S200-EF04	500mL	
	RED-S200-EF05	1000mL	
	RED-S200-EF06	2000mL	
	RED-S200-EF07	3000mL	
	RED-S200-EF08	50mL	NS 24/40
	RED-S200-EF09	100mL	
	RED-S200-EF10	250mL	
	RED-S200-EF11	500mL	
	RED-S200-EF12	1000mL	
	RED-S200-EF13	2000mL	
	RED-S200-EF14	3000mL	
Collection flask	RED-S200-CB01	100mL	KS 35/20
	RED-S200-CB02	250mL	
	RED-S200-CB03	500mL	
	RED-S200-CB04	1000mL	
	RED-S200-CB05	2000mL	
Explosion-proof flask	RED-S200-EP01	250mL	NS 29/32
	RED-S200-EP02	250mL	NS 24/40
Glass central shaft	RED-S200-MA01	thickened glass	NS 29/32
	RED-S200-MA02	/	NS 29/32
	RED-S200-MA03	thickened glass	NS 24/40
	RED-S200-MA04	/	NS 29/32
Conversion connector	RED-S200-CL01	/	NS 29/32 - NS 24/29
	RED-S200-CL02	/	NS 29/32 - NS 19/26
	RED-S200-CL03	/	NS 29/32 - NS 14/32
	RED-S200-CL04	/	NS 24/40 - NS 19/22
	RED-S200-CL05	/	NS 24/40 - NS 14/20
	RED-S200-CL06	/	NS 24/40 - NS 29/42
Evaporation flask clamp	RED-S200-CP01	red	NS 24/40
	RED-S200-CP02	green	NS 29/42
	RED-S200-CP03	black (only for **RED-S200-EF07**)	NS 29/32
	RED-S200-CP04	black (only for **RED-S200-EF14**)	NS 24/40