



ROTARY EVAPORATOR BREV-102

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INDUSTRIAL DIGITAL ROTARY EVAPORATOR



Large LCD digital display with heating temperature, rotation speed, clockwise & anticlockwise and time information
One-click automatic motor lifting (stroke 180mm), smooth and silent
Water/oil heating bath with wide temperature range from RT to 180 °C
Speed range from 10 to 150 rpm, and interval operation in clockwise and anticlockwise directions for drying process
Two-section vertical triple coil condensing tube with large area and strong evaporation capacity ensuring high-efficiency sample recovery
The connector device allows for easy and quick installation of the evaporating flask
PTFE double sealing ring with excellent sealing performance
Switch valve for continuous collection without compromising the system vacuum

SPECIFICATIONS

Model	BREV-102
Temperature range	Room temp. ~180°C (water and oil bath)
Temperature control accuracy	Water: ±1°C Oil: ±3°C
Rotation Speed	10~150rpm
Ultimate vacuum	Less 2.6mbar
Evaporation capacity	Max. 4.5L/h (75% Alcohol)
Temperature control	Micro processor PID control
Display	LCD (temperature/speed/clockwise and Anti-clockwise/time)
Time Setting Range	0-999min
Lift stroke	Motorized 180mm
Safety features	Motor over-current protection, earth-leakage protection, lifting overload protection, Boil-dry protection, Overheating protection
Evaporation flask	Round flask 20L
Receiving flask	Round flask 10L with drain valve
Condenser	Two-section vertical triple coil condenser, cooling surface 1.2m ²
Heating bath size	Ø 450x240mm
Hose connection	Cooling/suction nozzle outer diameter 16mm, vacuum pump nozzle outer diameter 16mm
Dimension[DxWxH]	1160x600x1860mm
Voltage/Frequency	220V/50/60Hz
Power	4600W
Heating Power	4400W
Alt Name	Industrial Digital Rotary Evaporator

ACCESSORIES FOR PURCHASE

No	Name	Description	Volume
1	Vertical Glassware	Evaporating flask(NS24/40) Receiving flask(KS35/20) Cooling surface:1700cm ²	1000mL
2	Vertical Glassware	(COATED) Evaporating flask(NS24/40) Receiving flask(KS35/20) Cooling surface:1700cm ²	1000mL

3	Vertical Glassware	Evaporating flask(NS 24/40) Receiving flask(KS 35/20) Cooling surface:1200cm ²	1000mL
4	Diagonal Glassware	Evaporating flask(NS24/40) Receiving flask(KS35/20) Cooling surface:1700cm ²	1000mL
5	Diagonal Glassware	(COATED) Evaporating flask(NS24/40) Receiving flask(KS35/20) Cooling surface:1700cm ²	1000mL
6	Heating bath	for Rotary Evaporator, 110V	5L
7	Heating Bath Lid	for improves distillation efficiency & ensures personal safety from liquid splash	
8	Evaporating flask	Size: NS 24/40	5mL
9	Evaporating flask	Size: NS 24/40	10mL
10	Evaporating flask	Size: NS 24/40	250mL
11	Evaporating flask	Size: NS 24/40	500mL
12	Evaporating flask	Size: NS 24/40	1000mL
13	Evaporating flask	Size: NS 24/40	2000mL
14	Evaporating flask	Size: NS 24/40	3000mL
15	Evaporating flask for re200pro		20L
16	Receiving flask	Size: KS 35/20	100mL
17	Receiving flask	Size: KS 35/20	250mL
18	Receiving flask	Size: KS 35/20	500mL
19	Receiving flask	Size: KS 35/20	1000mL
20	Receiving flask	Size: KS 35/20	2000mL
21	Receiving flask	Size: KS 35/20	10L
22	Foam brake	Size: NS 24/40	250mL
23	Connector	Size:NS 24/40, NS 19/22	
24	Connector	Size:NS 24/40, NS 14/20	
25	Connector	Size: NS 24/40, NS 29/42	
26	Distilling spider with 5 flasks (without flask)	Size: NS 29/42, NS 24/40	

FEATURES

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Speed range from 10 to 150 rpm, and interval operation in clockwise and anticlockwise directions for drying process

Two-section vertical triple coil condensing tube with large area and strong evaporation capacity ensuring high-efficiency sample recovery

The connector device allows for easy and quick installation of the evaporating flask

PTFE double sealing ring with excellent sealing performance

Switch valve for continuous collection without compromising the system vacuum and solvent distillation.



Two-section vertical triple coil condenser:

large condensation area and strong evaporation capacity ensuring high efficient sample recovery.



Switching valve design:

switch valve for continuous collection without compromising the system vacuum and solvent distillation.



Heating bath

Water & oil bath

Enhanced lifetime through exclusive use of corrosion-free stainless-steel

It adopts special heat insulation structure design so the surface temperature is far lower than the temperature in the bath to avoid personnel burns.



Large LCD display



Overheating protection



Chemical resistance

APPLICATIONS

Suitable for pilot-scale production, large-scale application in biology engineering, pharmaceutical industry, chemical industry, beauty industry, medical industry and food processing.



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