



Rotary Evaporator BL-RE-S10

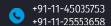


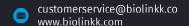
Description

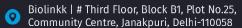
LED Digital Rotary Evaporator is a basic chemical laboratory instrument suitable for evaporation, distillation and separation of chemicals. It can be used as a multifunctional system in combination with vacuum pump, vacuum controller and circulating refrigerators to provide excellent distillation solutions in many laboratory applications.

Features

- 5L heating bath with a wide temperature range (room temp. to180°C), independent temperature control, which can be used separately. Water/oil heating mode can be changed only through a switch.
- Manual lift combined with auxiliary lift for precise positioning of the glassware.
- Overheating protection temperature at 220°C
- Boil-dry protection, automatically power off if heating without water/oil in the heating bath.
- Speed range from 20 to 200rpm, timing interval operation in clockwise and anticlockwise directions for drying process.
- Patented condenser (cooling surface 1200/1700cm² for selection), double helix condensing tube + center circular arc design.
- Adjustable immersion angle
- Patented double spring sealing ring
- Remote function provides PC control and data transmission.



















Specifications

Model no	BL-RE-S10
Motor type	Brushless DC motor
Speed range	20-200rpm
Display	LED (speed, temp, time)
Clockwise & anti clockwise	Yes
Heating temp range	RT to 180°C
Control accuracy	Water: $\pm 1^{\circ}$ C, oil: $\pm 3^{\circ}$ C
Heating power	1010W
Stroke displacement	Manual 110mm + auxiliary 100mm
Interval time setting range	1-999s
Dimensions (DxWxH)	Main Unit: 440×320×450mm Heating Bath: 300x300x240mm
Weight	Main unit: 7 kg heating bath: 3 kg
Permissible ambient temp	5-40°C
Relative humidity	80% RH
Protection class	IP20
USB Interface	Yes
Voltage/frequency	100-120/200-240V, 50/60Hz
Power	1100W

Standard Accessories

	Vertical		
Cat. No.	Glassware type	Volume	Cooling surface
18900165	Evaporating flask(NS29/32) Receiving flask(KS35/20)	1000L	1700cm ²
18900173	Evaporating flask(NS24/40) Receiving flask(KS35/20)	1000L	1700cm ²
18900166	(COATED)Evaporating flask(NS29/32) Receiving flask (KS35/20)	1000L	1700cm ²
18900174	(COATED)Evaporating flask(NS24/40) Receiving flask (KS35/20)	1000L	1700cm ²
18202410	evaporating flask (NS 29/32) Receiving flask (KS 35/20)	1000L	1200cm ²

















	Diagonal		
Cat. No.	Glassware type	Volume	Cooling surface
18900163	Evaporating flask(NS29/32)Receiving flask(KS35/20)	1000L	1700cm ²
18900171	Evaporating flask(NS24/40)Receiving flask(KS35/20)	1000L	1700cm ²
18900164	(COATED)Evaporating flask(NS29/32) Receiving flask (KS 35/20)	1000L	1700cm ²
18900172	(COATED)Evaporating flask(NS24/40) Receiving flask (KS35/20)	1000L	1700cm ²

	Heating Bath	
Cat. No.	Description	Volume
18900201	Rotary Evaporator, 220V	5L
18900202	Rotary Evaporator, 110V	5L
18101888	LED heating bath, 220V	5L
18101936	LED heating bath110V	5L





	Evaporating Flak	•
Cat. No.	Volume	Size
18300116	50mL	NS 29/32
18300117	100 mL	NS 29/32
18300118	250 mL	NS 29/32
18300119	500 mL	NS 29/32
18300120	1000 mL	NS 29/32
18300121	2000 mL	NS 29/32
18300655	50 mL	NS24/40
18300201	100 mL	NS24/40
18300202	250 mL	NS24/40
18300203	500 mL	NS24/40
18300204	1000 mL	NS24/40
18300205	2000 mL	NS24/40

Receiving flask		
Cat. No.	Volume	Size
18300107	100mL	KS 35/20
18300108	250 mL	KS 35/20
8300109	500 mL	KS 35/20
8300110	1000 mL	KS 35/20
1 8300111	2000 mL	KS 35/20

