

Rotary Evaporator

LRE-BIO



Rotary Evaporator LRE-B10

Rotary Evaporator LRE-B10 comes with hand lift for manual ascending and descending lifting of water bath. Its vertical one piece condenser, collection flasks, rotary flask made up of borosilicate glass ensures high durability. With 1000 cm² optimized bath volume, high vacuum degree, evaporation rate, recovery rate this rotary evaporate delivers highly accurate distillation results.

Rotary Evaporator Features

- Even temperature Teflon heating bath with fully enclosed design
 - Digital rotation speed display
 - Stepless speed control using AC motor
 - Modular design, it is easy to connect to the other devices
 - Long life graphite impregnated PTFE vacuum seal
 - Stainless steel base, frame, heating bath (SUS 304)
 - Vertical PTFE/glass liquid pathway for chemical inertness
 - Built-in vacuum controller
 - No spark, No brushes
 - Easy and quick operations
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Water Ring Vacuum Pump Features

- Dual vacuum meters and taps
- 2 taps can be used separately or together
- Made up of anti-corrosion material
- Noiseless, eco-friendly operations
- Can be equipped with Vacuum Regulating Valve
- Easy to move

Low Temperature Cooling Liquid Circulating Pump Features

- Different cooling capacity at different temperature
- Controllable temperature and flow, provides thermostatic environment
- Made up of Stainless Steel SUS 304 anti-corrosion proof
- Easy movement using casters, and lock
- Variety of fault alarm
- Closed cycle pipeline design
- User-friendly operations

Applications

Used for distillation of samples, parameter important in quality research across Pharmaceutical, Chemical, Botanical, and other related industries.

Specifications

Model no.	LRE-B10
Rotary Evaporating Flask	
Rotary Evaporating Flask	3 L
Optional Evaporating Flask	1 L, 2 L
Receiving Flask	2 L
Rotating Speed Range	0 to 120 rpm
Temperature Control Range	RT to 399 °C
Water (Oil) Bath Power	2 kW
Motor Power	40 W
Power Supply	220 V, 50/60 Hz
Packaging Dimension (L×W×H)	1010 × 610 × 490 mm
Net Weight	33 kg
Gross Weight	41 kg

Low temperature Cooling Liquid Circulating Pump	
Circulating Pump Volume	5 L
Circulating Flow Rate	20 L/ min
Cooling Temperature	-20 °C
Environment Temperature	5 to 35 °C
Refrigerant	R22
Lift Distance	4 to 6 m
Cooling Capacity	970 W at 10 °C
	680 W at 0 °C
	420 W at -10 °C
	320 W at -20 °C
Ambient Humidity	60 to 80 % RH
Power Supply	220 V, 60 Hz
Packaging Dimension (L×W×H)	610 × 445 × 750 mm
Net Weight	52 kg
Gross Weight	62 kg
Water Ring Vacuum Pump	
Pressure range for Vacuum Pump	0.098 MPa
Flow Rate	60 L / min
Body Material	Polypropylene
Capacity	50 L
Lift Distance	8 m
Extraction gas capacity per tap	10 L / min
Taps	2 pcs
Power	180 W
Power Supply	220 V, 60 Hz

Packaging Dimension (L×W×H)	430 × 340 × 520 mm
Net Weight	9 kg
Gross Weight	12 kg