



Vertical Condenser Rotary Evaporator

(10 Litre)

Vertical Condenser Rotary Evaporator LRE-A11

Rotary evaporator LRE-A11 is a robust and reliable distillation unit. It is uniquely designed with vacuum discharging valve, automatic lifting and cold trap condensing dispensing system making it user friendly. It is equipped with a 5700 cm² condensing surface. Its anti-corrosion and wearable sealing system makes it durable for long terms. With automatic water bath filling, maximum solvent recovery rate, static temperature control range, it is perfect for complex distillation processes.

Features

- Touch screen LCD display for smooth user control
- Motorized flask lift with safety automatic release of evaporating flask in case of power failure
- Chemical resistant PTFE seals
- Universal water heating bath
- Receiving flask equipped with bottom discharge
- Automated water bath filling
- Cooling surface of 5700 cm²
- Bumping tube to prevent unexpected solution into receiving flask
- Anti-corrosion and wearable sealing system
- Glass charging valve
- Safety control circuits
- Frequency conversion speed controller
- Easy , safe and user friendly operation
- ISO and CE certified

Applications

Used for flavor extraction in food industry, solvent removal in separation and recycling chemical / educational / fuel / environmental industry , to determine sample concentration, HPLC and natural product sample preparation, drying down powders (using test tube adapter) and trapping hazardous waste liquid.

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Specifications

Model	LRE-A11
Evaporating flask	10 L / F 95
Optional Evaporating flask	5 L , 10 L
Receiving flask	5 L , bottom discharge
Max evaporating speed (H ₂ O)	3 L / hr.
Condensing surface	0.57 m ²
Lifting type	Automatic lifting
Condenser type	Vertical condenser
Rotation speed	0 – 110 rpm
Reachable vacuum rate	< 133 Pa
Bath power	3 kW
Heating power	3000 W
Rotation power	300 W
Static temp control range and wave	RT – 99 °C , 150 °C ± 2 °C
Bath size capacity	22 L
Material	SUS304
Certification	ISO and CE
Power	220 V / 60 Hz
Dimensions	1000 x 500 x 1800 mm
Weight	140 kg

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Safety Features

Model	LRE-A11
Over current protection	Have
No – spark electric control	Have
Ex- proof upgrade	Ex-proof modification on motor, rotation & heating control, lower heating power density, equip dry heat and overheat cut-off protector

Functional Configurations

Model	LRE-A11
Digital Display	Bath Temperature , Rotation speed
PTFE discharge valve	PTFE
Charging valve	Glass
Taper joint PTFE sleeve	Have
Vacuum gauge	Have
Continuous receiving	Have
PTFE rotary seal assembly	Have
Overall flange joints	Have
Frequency conversion speed controls	Have
Throttle valve for vacuum	Have
Water bath lid	Optional
Cold trap protection system	Optional
Evaporating flask unload handler	Optional
Ex-proof motor	Optional
Thermometer neck for vapor	Optional
Optional evaporating flask (baffles available on request)	5 L