



labodam

# Automatic Lifting Rotary Evaporator

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## Automatic Lifting Rotary Evaporator LARE-A20

Automatic lifting rotary evaporator LARE-A20 is an ergonomic design with motorized vertical lift comprising of a large LCD display and intuitive controls for easy visualization of the distillation process. Convenient motor lift adjusts heights making it user friendly. The rotation speed ranges from 0 - 150 rpm. Automatic water bath filling is a key feature

### Features

- ▶ Motorized flask lift with safety automatic release of evaporating flask in case of power failure.
- ▶ Rotation speed 0 - 150 rpm
- ▶ Digital display for visualization of temperature , rotation speed and timer
- ▶ Process samples from 50 ml to 1 L
- ▶ Chemical resistant PTFE seals
- ▶ Automated water bath filling

### Features

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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### Specification

Model No.	LARE-A20
Evaporating flask	2 L
Lifting type	Automatic lifting
Optional evaporating flask	0.25 L , 0.5 L , 1 L
Condenser type	Vertical condenser
Receiving flask	1 L
Max evaporating speed ( H <sub>2</sub> O )	1.2 L / hr.
Condensing surface	0.27 m <sup>2</sup>
Rotation speed	0 ~ 150 rpm
Reachable vacuum rate	< 133 Pa
Bath power	1.1 kW
Heating power	1000 W
Rotation power	25 W
Static temp control range and wave	RT – 99 °C ± 2 °C
Bath size capacity	5 L
Material	SUS 304
Certification	ISO and CE
Power	220 V / 60 Hz
Dimensions	690 x 380 x 980 mm
Weight	26 kg

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### Functional Configurations

Model No.	LARE-A20
PTFE seal assembly	Have
Continuous charge	Have
Digital display	Bath Temperature
Taper joint PTFE Sleeve	Have
Low noise	Have
Bath lift	Have
Cold trap	Optional
Water bath lid	Optional