



# **Manual Lifting Rotary Evaporator**

## Manual Lifting Rotary Evaporator LMRE-A10

Manual lifting rotary evaporator LMRE-A10 is a user friendly high-quality manual rotary evaporator to meet the essential needs in classical laboratory. It has an ambidextrous manual lift and an adjustable immersion angle. The rotation speed ranges from 0 ~ 150 rpm. User control of the distillation process can easily be optimized through the digital display.

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### Features

- Digital display for visualization of rotation speed and heating temperature
  - Manual lift for fast height adjustment
  - Process samples from 50 ml to 1 L
  - Rotation speed 0 ~ 150 rpm
  - Flask size range : 0.25 ~ 2 L
  - Ergonomic user friendly design
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### Application

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

## Specifications

Model No.	LMRE-A10
Evaporating flask	2 L
Lifting type	Manual lifting
Optional evaporating flask	0.25 L , 1 L
Condenser type	Vertical condenser + top cold trap
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
Dimension	690 x 380 x 980 mm
Weight	25 kg

## Functional Configurations

Model No.	LMRE-A10
PTFE seal assembly	Have
Continuous charge	Have
Digital display	Bath Temperature
Taper joint PTFE Sleeve	Have
Low noise	Have
Bath lift	Have
Cold trap	Have
Water bath lid	Optional