

AUTOMATIC LIFTING ROTATORY EVAPORATOR LD-LARE-A21



Description

Automatic lifting rotary evaporator LD-LARE-A21 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 0-280 rpm. 5L dual purpose heating bath with wide temperature till 180°C.

Application

Used as an ideal Alcohol Distillation Equipment, for concentration separation.

Features

- Rotation speed 0 - 280 rpm
- Process samples from 50 ml to 5 L
- Digital display for visualization of temperature , rotation speed and timer
- Chemical resistant PTFE seals
- Dual purpose heating bath
- Remote operation helps in data transfer and control from PC
- Motorized flask lift with safety automatic release of evaporating flask in case of power failure
- Protection against overheating at 220°C
- For drying process, clockwise and anticlockwise directions is performed in intervals
- Ensure easy removal of evaporating flask using Ejection mechanism

Specification

Model no.	LD-LARE-A21
Motor Type	Brushless DC motor
Lifting Type	Automatic
Rotational Speed	20 - 280 rpm
Display	LCD
Temperature Control Range	RT - 180°C
Temperature Accuracy	± 1°C
Stroke Displacement	150 mm (auto)
Timer Range	1 - 999 min
Ambient Temperature	5 - 40°C
Relative Humidity	80% RH
Protective Class	Ip20
Heating Power	1300 W
Power Consumption	1400 W
Interface	USB
Power Supply	220 V / 60 Hz
Dimensions (W x H x D)	457 x 583 x 465mm
Weight	2.8 kgs