

Rotary evaporator is a common solvent recovery equipment in laboratory and production for chemistry, chemical industry, biology, medicine and other fields.

Lab1st RE-5EX series is a explosion proof rotary evaporator with motor lifting bath, which is easy to operate, economical and practical. It also consists of motor, rotary flask, motor lifting bath, condenser and other related parts. We provide standard rotovap from 1 liter to 100 liters, and larger volumes can be customized.



Rotary Evaporator, Motor Lift, Explosion-proof

## Features:

- Suitable for use in many solvents, such as alcohol
- With explosion proof motor, it's intuitive and easy for operation at the highest safety level
- High quality material guarantees a long lasting operation and protect your substance
- All material is corrosion resistance and long lifespan, maintaining vacuum height.
- Powerful, high-temperature heating bath, reaching 90°C [water bath] / 180°C [oil bath]
- Turnkey solution is available, including chiller, vacuum pump and related accessories

## Technical Data:

Model	RE-550EX
—TECHNICAL DATA—	
Working Temperature [°C]	[Water Bath] RT~99°C;±0.2°C; [Oil Bath] RT~180°C;±0.2°C
Working Pressure [pa]	<399Pa[3mmHg]
Environment Temperature [°C]	5~35°C
Optimum Ambient Humidity	≤65%
Glass Material	High Borosilicate Glass
Lift Method	Motor Lift
Explosive-proof Grade	EX d IIB T4 Gb
—ELECTRICAL REQUIREMENT—	
Voltage [V]	220
Phase [P]	1
Frequency [HZ]	50/60

Total Power [W]	6780
—ROTARY FLASK—	
Volume [L]	50
Sealing	PTFE
Neck Interface [mm]	OD125   Flange
—BATH—	
Bath Material	SUS304
Bath Dimension [mm]	Ø550×320
Volume [L]	76
—COLLECTION FLASK—	
Volume [L]	20
Interface[mm]	OD60   Flange
—CONDENSER—	
Type	Vertical Up-Down Main-Auxiliary Condenser
Condensation Area [m <sup>2</sup> ]	1.44
Vacuum Port	OD10   Barb
Condenser Port	OD16   Barb
—AGITATION & HEATING—	
Motor Power [W]	100
Rotation Speed [rpm]	20~120
Heating Power [Kw]	6.5
—WEIGHT   DIMENSION—	
Unit Weight [Kg]	97
Installation Dimension [mm]	1390×700×2300

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m <sup>3</sup> )
Weight (kg)	Total capacity
Product Serial No. 9073	2023-06-02 14:00:01

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

