

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

Lab1st RE-1 series is a rotary evaporator with manual lifting bath, which is easy to operate, economical and practical. It also consists of motor, rotary flask, manual 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 with Hand Lift ($\geq 10L$)

Features:

- Effective Rotavapor for limited budgets
- Intuitive and easy 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-120
—— 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	Manual
—— ELECTRICAL REQUIREMENT ——	
Voltage [V]	220
Phase [P]	1 3
Frequency [HZ]	50/60
Total Power [W]	3200

——ROTARY FLASK——	
Volume [L]	20
Sealing	PTFE
Neck Interface[mm]	OD125 Flange
——BATH——	
Bath Material	SUS304
Bath Dimension [mm]	Ø500×270H
Volume [L]	53
——COLLECTION FLASK——	
Volume [L]	10
——CONDENSER——	
Type	Vertical Up-Down Main-Auxiliary Condensers
Condensation Area [m ²]	1
——AGITATION & HEATING——	
Motor Power [W]	200
Rotation Speed [rpm]	20~120
Heating Power [Kw]	3
——WEIGHT DIMENSION——	
Unit Weight [Kg]	135
Installation Dimension [mm]	1200×650×1950

Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9097	2023-06-02 10:35:19

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