

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

Lab1st RE-5B series is a 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

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-550B
—— 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
—— ELECTRICAL REQUIREMENT ——	
Voltage [V]	220 380
Phase [P]	1 3
Frequency [HZ]	50/60
Total Power [Kw]	6.25 [single phase], 9.25 [3-phase]

——ROTARY FLASK——	
Volume [L]	50
Sealing	PTFE
Neck Interface[mm]	OD125 Flange
——BATH——	
Bath Material	SUS304
Bath Dimension [mm]	Ø560×300
Volume [L]	74
——COLLECTION FLASK——	
Volume [L]	20
Interface[mm]	DN60 Flange
——CONDENSER——	
Type	Vertical Up-Down Main-Auxiliary Condensers
Condensation Area [m^2]	1.65
Vacuum Port	OD12 Barb
Comdenser Port	OD15 Barb
——AGITATION & HEATING——	
Motor Power [W]	250
Rotation Speed [rpm]	20~110
Heating Power [Kw]	6 [single-phase] 9 [3-phase]
——WEIGHT DIMENSION——	
Unit Weight [Kg]	88
Installation Dimension [mm]	1350×550×2300

Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No.	9139
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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.