RE-505

Rotary Evaporator, Motor Lift

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

Lab1st RE-5 series is a rotary evaporator with motor lifting bath, which is easy to operate, economical and practical. It also consists of motor, roatary 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.

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 vecuum 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

Parameters

Model	RE-505
———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
Phase [P]	1
Frequency [HZ]	50/60
Total Power [W]	2040
———ROTARY FLASK———	
Volume [L]	5
Sealing	PTFE
Neck Interface [mm]	OD80 | Flange
———BATH———	

Bath Material	SUS304
Bath Dimension [mm]	Ø280×170
Volume [L]	10
———COLLECTION FLASK———	
Volume [L]	3
Interface[mm]	OD50 | Flange
———CONDENSER———	
Type	Vertical Single Condenser
Condension Area [m^2]	0.5
Vacuum Port	OD10 | Barb
Comdenser Port	OD16 | Barb
———AGITATION & HEATING———	
Motor Power [W]	40
Rotation Speed [rpm]	10~140
Heating Power [Kw]	2
———WEIGHT | DIMENSION———	
Unit Weight [Kg]	46
Installation Dimension [mm]	800×450×1090

Packages

W (mm)	CBM (m3)
D (mm)	Weight (kg)
H (mm)	