

ROTARY EVAPORATORS WITH CHILLER AND SOLVENT RESISTANT VACUUM PUMP

Rotary Evaporators

A rotary evaporator is a device used in chemical laboratories for the efficient, gentle removal of solvents from samples by evaporation. Rotary evaporation is most often used to separate solvents with low boiling points, such as n-hexane or ethyl acetate, from compounds which are solid at room temperature and pressure. However, careful application also allows removal of a solvent from a sample containing a liquid compound, if there is minimal co-evaporation (azeotropic behavior), and a sufficient difference in boiling points at the chosen temperature and reduced pressure.



SE130
13 Gallon Rotary Evaporator

Features

- Solvent-resistant PTFE and Viton gaskets ensuring long time operation.
- Specialized motor with compact intermeshed worm and worm gear provide precise, vibration-free operation.
- Modular design (individual rotary and water bath modules) for easy future upgrade.
- Easy multi-level manual evaporating flask lifting with lock.
- Operate visually and easily with digital speed and temperature display.
- PID temperature controller for accurate temperature control.
- One year warranty and life time US-based parts and service support.

Model	SE05	SE13	SE26	SE53	SE130
Power	110V or 220V 50/60Hz single phase		220V 50/60Hz single phase		
Rotation Motor Power	25 watts	40 watts	300 watts		400 watts
Evaporating Flask	0.5, 1, or 2 Liter	5 Liter	10 Liters	20 Liters	50 Liter
Receiving Flask	1 Liter	3 Liter	5 Liter	10 Liter	20 Liter
Rotation Speed	10-180 RPM	10-140 RPM	10-130 RPM		10-110 RPM
Condenser	Vertical with dual-spiral glass tubing		Main & auxiliary triple-circulating cold traps, vertical		
Evaporating Speed	20 ml/minute	0.5-1.0 gal/hour	1.7 gallon/hour	1.32-2.9 gal/hour	2.4-4 gal/hour
Number of Heaters	One		Two	Three	
Maximum Lifting Distance	10 inches	6 inches	4 inches	7.5 inches	9 inches



SE05
0.5 Gallon Rotary Evaporator



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