

# ROTARY EVAPORATOR REV12-180D



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Rotary Evaporator is an essential instrument in laboratory for the efficient and gentle removal of solvents from samples by evaporation. Besides, it provides excellent distilling solution in a wide range of applications. It can be used as a multi-functional system in combination with vacuum pump, vacuum controller and circulating refrigerators which makes it an unique choice for the laboratory.

Used in Evaporation, Distillation, Separation of chemicals, Drying, Extraction, Recovery, Chemical Laboratory, Biological Laboratory, Pharmaceutical.

Also known as Rotovap, Rotavapor, Laboratory Rotary Evaporator, Laboratory Rotovap.

## REV12-180D ROTARY EVAPORATOR

Water/oil heating mode can be changed only through a switch.

Safety: Motor over-current protection, Residual Current Device, lifting overload protection, Boil-dry protection, over-temperature protection.

Timing interval operation in clockwise and anticlockwise directions for drying process.

Excellent cooling effect.

Patented double spring sealing ring which is made of PTFE provides an excellent sealing performance.



## SPECIFICATIONS

Model	REV12-180D
Evaporation Capacity	Max.4.0 L/h (water vapor volume)
Motor Lift	Automatic
Ultimate Vacuum	Less 2.6 hpa
Rotation Speed	10-150 rpm
Display	LCD (temperature/speed/clockwise and Anti-clockwise/time)
Temperature control method	Micro processor PID control
Heating Temperature Range	Room temp. to 180°C (both water and oil)
Control Accuracy	water: $\pm 1^{\circ}\text{C}$ oil: $\pm 3^{\circ}\text{C}$
Stroke Displacement	Automatic 180 mm
Sample Flask	Round flask 20L
Receiving Flask	Round flask 10 L with drain valve
Adjustable Immersion Angle	No
Condenser	Two-section vertical triple serpentine condenser, cooling surface 1.2 m <sup>2</sup>
Takeover Caliber	Cooling/suction nozzle outer diameter 16 mm, vacuum pump nozzle outer diameter 16 mm
Heating Bath Size	$\phi 450 \times 240$ mm
Dimension[L×W×H]	1160x600x1860 mm
Voltage / Frequency	220 V/ 50/60 Hz
Power	4600 W

Notes	Three-layer high-efficiency condensing tube with large condensation area and strong evaporation capacity, ensuring efficient sample recovery. A switching valve for continuous collection without compromising the system vacuum and solvent distillation.
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***Centrifugen***

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