

Rotary Evaporator

Introduction:

The rotary evaporator is made according to the principle of constant temperature heating and film evaporation under vacuum and negative pressure. The rotary evaporator uses stepless speed regulation to make the glass rotating bottle rotate at a constant speed, and the materials form a large area uniform film on the bottle wall.

Then, the rotating bottle is evenly heated by the intelligent constant temperature water bath, evaporated at a high speed under vacuum, and the solvent vapor is cooled by the high-efficiency glass condenser and recycled in the collection bottle.

Application:

Mainly used for concentration, crystallization, drying, separation and solvent recovery in pharmaceutical, chemical and biopharmaceutical industries.

Features:

- * Stepless speed controller
- * PID temperature adjustment
- * Automatic lift control
- * High evaporating and recovery collecting rate



Technical Parameters:

Model	BK-RE-1A
Rotary Bottle	1 L24#(standard size)
Collecting Bottle	0.5L 24 # (standard size)
Glass Material	GG-17
Shelf Material	Spray anti-corrosion steel
Heating Unit Size	250*388*169mm
Chamber Size	φ220*140 mm
Heating Power	1KW
Temp. Range	0-99℃
Temp. Accuracy	±1℃
Temp. Sensor	PT100
Vacuum	0.096Mpa
Rotary Motor	30W
Rotating Speed	0-120rpm
Lift	Motor
Lifting Power	15W
Lifting Stroke	150mm
Speed Control	Stepless speed controller
Sealing Method	Fluorine rubber skeleton oil seal
Condenser	φ85*450mm
Charging Valve	19#(standard size)
Power Supply	220V/50Hz
External Size(W*D*H)	640*340*(860-1010)mm
Package Size(W*D*H)	665*465*415mm
Gross Weight	20kg
Standard Accessory	1 L Rotary Bottle*1, 0.5 L Collecting Bottle*1
Optional Accessory	Vacuum pump, Recirculating chiller, Transparent cover