



R1050



R1005

R系列-旋转蒸发仪

R SERIES-ROTARY EVAPORATOR

大容量，大口径旋转蒸发瓶，蒸发面积大，负压置于水浴中，边旋转边加热，使溶液高效扩散蒸发，可用于生物，医药，化工，食品等领域的小试，中试和生产。产品可与循环水式真空泵，隔膜真空泵，循环冷却器，恒温循环器，低温冷却液循环泵等配套组成系统装置

Large-capacity, large-caliber rotary evaporating flask, large evaporation area, negative pressure placed in a water bath, heating while rotating, so that the solution diffuses and evaporates efficiently. It can be used for small tests, Chinese style and production in the fields of biology, medicine, chemical industry, and food. The product can be combined with circulating water vacuum pumps, diaphragm vacuum pumps, circulating coolers, constant temperature circulators, low temperature coolant circulating pump and other supporting system devices

主要特点

MAIN FEATURES

- PTFE和氟橡胶双重旋转密封，专利技术保证高真空度
- 水浴电动升降和手动升降配套，方便使用
- PTFE放料阀门，耐腐蚀，无污染
- 加热锅外保护套防止烫伤
- PTFE and fluorine rubber dual rotary seal, patented technology to ensure high vacuum
- Water bath electric lifting and manual lifting supporting, easy to use
- PTFE discharge valve, corrosion-resistant, no pollution
- Heating pot outer protective cover to prevent scalding

玻璃配件

GLASS ACCESSORIES



冷凝器/CONDENSER



副冷凝器/VICE CONDENSER



三通瓶/TEE BOTTLE



收集瓶/COLLECTION BOTTLE



旋转瓶/ROTATING BOTTLE



技术参数

TECHNICAL PARAMETER

型号 Model	R1005/1006	R1010	R1020	R1050
最佳工作环境(°C) Ambient temperature	5 ~ 35			
电压(V/Hz) Voltage	单相 Single-phase 220V/50-60Hz		三相 Three phase 220V/380V/50-60Hz	
主机调速 Host speed regulation	无极调速, 交流感应式电机 Stepless speed regulation, AC		无极调速, 数字式直流 Stepless speed regulation, digital DC	
主机转速(rpm) Rotating speed	10 ~ 140	20 ~ 130		20 ~ 110
旋转电机(W) Rotating motor	40	250		
温度控制(°C) Temperature control	数字显示, 常温-99 Digital display, room temperature -99			
旋转瓶(L) Rotating bottle	5/6 法兰Ø50	10 法兰Ø125	20 法兰Ø125	50 法兰Ø125
收集瓶(L) Collection bottle	3	5	10	20
蒸发能力(L/h) Evaporation capacity	水 water≥2 酒精 Ethanol≥4	water≥3.5 Ethanol≥7	water≥5 Ethanol≥13	water≥10 Ethanol≥23
浴锅材质 Bath pot material	不锈钢 Stainless steel			
浴锅尺寸(mm) Bath size	Φ300×170	Φ350×220	Φ450×260	Φ550×320
升降功能 Lifting function	电动(自动) 升降 Electric (automatic) lifting			
升降高度(mm) Lifting height	0 ~ 150	0 ~ 160	0 ~ 190	0 ~ 180
电机功率(kW) Motor power	1.65	3.3	4.3	6.5 (220V) 8.0 (380V)
外形尺寸(mm) Dimension	860×500×1000	920×550×1700	1250×600×2100	1320×770×2340



技术参数

TECHNICAL PARAMETER

型号 Model	R-100L
旋转瓶 Rotating bottle	100L
收集瓶 Collection bottle	50L
冷凝器 Condenser	2.7 m ² 垂直蛇形管 Vertical serpentine tube
加热速率 Heating rate	9000W
电机功率 Motor Power	370W
升降高度 Lifting height	0-180mm
升降功能 Lifting function	自动升降水浴 Automatic lifting water bath
水浴温度 Water bath-temp	0-400°C
转速控制 Speed control	0-120rpm
玻璃温度范围 Glass-temp range	-80-250°C
密封 Seal	四氟乙烯主体+氟化 O 型圈 Tetrafluoroethylene body + fluorinated o-ring
电压 Voltage	380V/50-60Hz
外形尺寸 Dimensions	1700 * 850 * 2600 mm

其他型号

OTHER MODELS

相关搭配

RELATED MATCHES





RE-120



RE-150

RE系列-旋转蒸发器 RE SERIES-ROTARY EVAPORATOR

旋转蒸发器主要用于制药、化工、生物制药等行业的浓缩、结晶、干燥、分离、溶剂回收等。其原理是在真空条件下，对旋转瓶进行恒定的加热和恒定的转速，旋转瓶内的物料形成大面积薄膜，具有高效蒸发性。

Rotary evaporators are mainly used for concentration, crystallization, drying, separation, solvent recovery, etc. in the pharmaceutical, chemical, and biological pharmaceutical industries. The principle is to perform constant heating and constant rotation speed on the rotating bottle under vacuum conditions, and the material in the rotating bottle forms a large-area film, which has high-efficiency evaporation.

主要特点 MAIN FEATURES

- 变频调速，碰撞预防管
- 设有PID温度控制器，温度控制更精确
- 聚四氟乙烯+氟橡胶双重密封，确保系统真空度高
- 带智能温控器的水/油两用浴缸
- 配有蒸汽温度测量外壳
- Frequency conversion speed regulation, collision prevention tube
- Equipped with PID temperature controller, temperature control is more accurate
- Teflon + fluorine rubber double seal to ensure high vacuum of the system
- Water/oil dual-purpose bathtub with smart thermostat
- Equipped with steam temperature measurement housing





技术参数

TECHNICAL PARAMETER

型号 Model	RE-110	RE-120	RE-130	RE-150
旋转瓶 Rotating bottle	10 L	20 L	30 L	50 L
收集瓶 Collection bottle	5 L	10 L	20 L	20 L
冷凝面积 Cold area	0.59 m ²	1 m ²	1.2 m ²	1.5 m ²
冷凝管 Condenser	主冷凝+副冷凝 Main condensation + auxiliary condensation			
蒸发速度 Evaporation rate	水 water>3 L/h	水 water>5 L/h	水 water>7 L/h	水 water>9 L/h
排出阀 Discharge valve	PTFE (聚四氟乙烯) 底部排出阀 PTFE (polytetrafluoroethylene) bottom discharge valve			
电机功率 Motor power	180W		250W	
转速 Rotating speed	10~120 rpm/min		10~90 rpm/min	
浴锅功率 Bath power	3kW	3kW	6kW/9kW	6kW/9kW
电压 Voltage	220V/50Hz	220V/50Hz	220V/50Hz,380V/50Hz	
浴锅温度范围 Tem-range	水 water: RT~99°C 油 oil: RT~200°C, ±0.2°C			
玻璃材料 Glass material	GG-17 (3.3) 高硼硅玻璃 Borosilicate glass			
PTFE	优良的耐磨性和耐腐蚀性 Excellent wear resistance and corrosion resistance			
真空计 Vacuum gauge	-0.1~0Mpa			
可达真空度 Vacuum	<133Pa (1.33mbar, 1 Torr, 1mmHg)			
浴锅尺寸 Bath size	560*480*635mm	610*570*650mm	670*670*710mm	730*730*750mm
机器尺寸 Machine size	1100*600*1730m m	1200*650*1950m m	1200*700*2000mm	1250*750*2100mm