

Lab & Medical Equipment



ROTARY EVAPORATOR

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Rotary Evaporator

RE-2010 Rotary Evaporator

Features:

- * Double sealing rings with Teflon and Viton makes vacuum up to -0.098Mpa.
- * Intelligent temperature control and digital temperature display.
- * High evaporating and recovery collecting rate.
- * Overloading protect function.
- * Expandable module design.
- * Stepless speed controller.



Technical Parameters:

Model	RE-2010
Rotary Bottle	1L 24# (standard size)
Collecting Bottle	1L 35# (ball mill mouth)
Condenser	Vertical φ80*370mm
Charging Valve	19# (standard size)
Rotating Speed	0~200rpm
Vacuum	-0.098Mpa
Temp. Range	RT~99℃
Temp. Accuracy	±1℃
Stroke Height	100mm+150mm(sliding + manual)
Rotary Motor	40W
Heating Power	1.3KW
Water Evaporating Speed	20ml/min
Vacuum Sealing	Double sealing rings made of Teflon+ Viton materials
Shelf Material	Aluminum alloy
Chamber Material	Aluminum alloy +Teflon φ240*140mm
Power Supply	AC220/110 V±10%,50/60 Hz
External Size(W*D*H)	570*400*630~880mm
Package Size(W*D*H)	730*550*400mm
Gross Weight	16Kg
Standard Accessory	1L Rotary Bottle*1, 1L Collecting Bottle*1
Optional Accessory	Rotary Bottle(500~3000ml), Vacuum pump, Inclined condenser, Recirculating chiller

Rotary Evaporator (New Design)



Features:

- * Evaporating flask with an ejector, convenient to remove.
- * 5L water and oil bath dual-purpose heating pot, heating temperature can reach180℃, easy to switch between water and oil bath heating modes.
- * Patented technology condenser, high recovery rate, condensing effect Outstanding.

Technical Parameters:

Model	RE 100-Pro
Item No.	6030110111
Evaporating Flask	1L(NS 29/32, 18300120)
Receiving Flask	1L(KS 35/20, 18300110)
Display	LCD
Rotating Speed	20~280rpm
Temp. Range	RT~180℃
Temp. Accuracy	Water bath: ±1℃; Oil bath: ±3℃
Lift	Motor
Stroke Height	150mm
Timing Range	1~999min
Motor	DC brushless motor
Heating Power	1300 W
Stroke Displacement	Automatic 150mm
Protection Class	IP20
Rotation	Reversible Direction
Interface	USB
Power	1400W
Power Supply	AC110/220V±10%, 50/60Hz(Customizable)
External Size(W*D*H)	465*457*583 mm
Package Size(W*D*H)	640*1100*650mm
Net Weight	15kg
Gross Weight	36kg
Standard Accessory	Condenser(1700cm²)*1, 1L Evaporating flask*1, 1L Receiving flask*1, 5L pot*1
Optional Accessory	Vacuum pump, Recirculating chiller

Explosion-proof Rotary Evaporator

Features:

- * LED display.
- * Explosion-proof motor.
- * Explosion frequency inverter.
- * Explosion auto temperature controller.
- * Stepless speed controller.
- * Auto-lifting bath is optional
- * Stainless steel and aluminium alloy structure
- * Anti-corrosive PTFE sealing good performance.



Technical Parameters:

Model	ExRE-1002	ExRE-2002	ExRE-5003
Rotary Bottle	10L (flange Ø95)	20L (flange Ø95)	50L (flange Ø125)
Collecting Bottle	5L (flange φ60-50)	10L (flange φ60-50)	20L (flange φ60-50)
Condenser	Vertical three backflow , φ120*620mm(main), φ135*475mm(SUB)	Vertical three backflow , φ130*700mm(main), φ160*530mm(SUB)	Vertical three backflow, φ160*835mm(main), φ160*530mm(SUB)
Charging Valve	34# (standard size)		40# (standard size)
Rotating Speed	0~120 rpm		
Vacuum	-0.095 Mpa		
Temp. Range	RT~180℃		
Temp. Accuracy	±1℃		
Rotating Power	120W		180W
Heating Power	3KW	5KW	8KW
Power Supply	AC220/110V±10%, 50/60 Hz	AC220V±10%, 50/60 Hz	AC220V±10%, 50 Hz or 380V, 50Hz
External Size(W*D*H)	930*560*1910 mm	1000*600*2130 mm	1330*730*2340 mm
Package Size(W*D*H)	1320*780*755 mm	1350*670*720mm 680*680*790 mm	1420*820*720 mm 830*730*910 mm
Gross Weight	116kg	143kg	195kg
Standard Accessory	10L rotary bottle*1, 5L collecting bottle*1,	20L rotary bottle*1, 10L collecting bottle*1	50L rotary bottle*1, 20L collecting bottle*1
	Explosion-proof transducer, Explosion-proof motor EX120W		
Optional Accessory	Double collection bottle, Auto-lifting, Vacuum pump, Recirculating chiller		

Small Capacity Rotary Evaporator



Features:

- * Intelligent temperature control and digital temperature display.
- * Stepless speed controller.
- * Teflon Sealing and host automatically

Technical Parameters:

Model	RE-2000A	RE-2000B	RE-2000E	RE-52A	RE-52C	RE-5299
Rotary Bottle	1L 24# (standard size)					
Collecting Bottle	1L 35# (ball mill mouth)			0.5L 24# (standard size)		
Condenser	Vertical φ85*430mm,			Vertical φ85*450mm, 29#(standard size)		
Charging Valve	19# (standard size)			19# (standard size)		
Rotating Speed	0~200rpm			0~120rpm		
Vacuum	-0.098Mpa					
Temp. Range	RT~99℃					
Temp. Accuracy	±1℃					
Stroke Height	120mm			150mm		
Rotating Power	40W			30W		
Heating Power	1.5KW			1KW		
Shelf Material	Aluminum alloy			Powder coating anticorrosive		
Chamber Material	Teflon φ235*145mm			SS Φ220*120mm		SS Φ245*140mm
Power Supply	AC220/110V±10%, 50/60Hz					
External Size(W*D*H)	630*400*690-810mm			640*430*860-1010mm		660*440*880-1030 mm
Package Size(W*D*H)	620*620*490mm			600*460*470mm		
Gross Weight	25kg		23kg	19kg	20kg	20kg
Standard Accessory	1000ml rotary bottle*1, 500ml recycling bottle*1					
Optional Accessory	RT~400℃ oil bath, 304 SS bath, Transparent bath cover, Vacuum pump, Recirculating chiller			RT~400℃ oil bath, Transparent bath cover, Vacuum pump, Recirculating chiller		

Rotary Evaporator



RE-201D



RE-301



RE-501



RE-1002/2002



RE-5003

- Features:

 - * Electronic stepless speed control.
 - * Optional explosion-proof function.(eg. RE-301, RE-501, RE-1002, RE-3002, RE-5003)
- * LED display

Technical Parameters:

Model	RE-201D	RE-301	RE-501	RE-1002	RE-2002	RE-5003
Rotary Bottle	1L 24#standard mouth	3L flange Ø50	5L flange Ø50	10L flange Ø95	20L flange Ø95	50L flange Ø125
Collecting Bottle	1L 35# (ball mill mouth)	2L 35# (ball mill mouth)	3L 35# (ball mill mouth)	5L (flange φ60-50)	10L flange Ø60	20L (flange φ60-50)
Condenser	Vertical φ85*430mm,35# (ball mill mouth)	Vertical φ100*530mm	Vertical φ100*530mm	Vertical three backflow φ120*620mm (main), φ135*475mm (SUB)	Vertical three backflow φ130*700mm (main), φ160*530mm (SUB)	Vertical three backflow φ160*835mm (main), φ160*530mm (SUB)
Charging Valve	19# (standard size)			34# (standard size)		40# (standard size)
Rotary Speed	0~120rpm					
Vacuum				0.095 Mpa		
Temp. Range	RT~180℃					
Temp. Accuracy	±1℃					
Stroke Height	200mm			180mm		
Rotary Power	40W	40W		120W		180W
Heating Power	1KW	2KW		3KW	5KW	8KW
Shelf Material	Stainless steel			Coating anticorrosive		
Chamber Material	SS 245*140mm	SS 265*160mm	SS 280*170mm	SS 350*220mm	SS 450*260mm	SS 550*320mm
Plate Size	280*330mm	350*330mm		534*504mm	474*474mm	550*320mm
Power Supply	AC220/110V±10%,50/60Hz				AC220V±10%,50/60Hz	AC380V/220V±10%,50Hz
External Size(mm)	700*330*785	740*330*970	760*330*1030	930*560*1910	1000*600*2130	1330*730*2340
Package Size(mm)	600*460*470	990*620*470		1320*780*755	1350*670*720 680*680*790	1420*820*720 830*730*910
Gross Weight	21kg	40kg	42kg	107kg	136kg	186kg
Standard Accessory	1L Rotary bottle*1; 1L Collecting bottle*1	3L Rotary bottle*1; 2L Collecting bottle*1	5L Rotary bottle*1; 3L Collecting bottle*1	10L Rotary bottle*1; 5L Collecting bottle*1	20L Rotary bottle*1; 10LCollecting bottle*1	50L Rotary bottle*1; 20LCollecting bottle*1
Optional Accessory	Transparent bath cover, Explosion-proof transducer	Explosion-proof transducer, Explosion-proof motor EX40W		Explosion-proof transducer, Double collection bottle, Auto-lifting, Explosion-proof motor EX120W		
	Vacuum pump, Recirculating chiller					