

# ROTARY EVAPORATOR



ALH RE-201D



ALH RE-301



ALH RE-501



ALH RE-1002



ALH RE-2002



ALH RE-5003

The Rotary Evaporator is an essential laboratory apparatus designed for efficient and gentle solvent removal through evaporation.

## APPLICATIONS OF ROTARY VACUUM EVAPORATOR :

1. SOLVENT REMOVAL / CONCENTRATION OF SOLUTIONS
2. Sample Purification
3. Recrystallization
4. Natural Product Extraction
5. Solvent Recycling
6. Drying of Samples
7. Evaporation of Volatile Solvents in Biochemistry

## TECHNICAL PARAMETERS

Model	ALH RE-201D	ALH RE-301	ALH RE-501
<b>Rotary Bottle</b>	1L 24#standard mouth	3L flange Ø50	5L flange Ø50
<b>Collecting Bottle</b>	1L 35# (ball mill mouth)	2L 35# (Ball mil mouth)	3L 35#(Ball mill mouth)
<b>Condenser</b>	Vertical φ85*430mm, 35#(Ball mill mouth)	Vertical φ100*530mm	Vertical φ100*530mm
<b>Charging Valve</b>	19#(Standard size)		
<b>Rotary Speed</b>	0~120rpm		
<b>Vacuum</b>	0.098Mpa		
<b>Temp. Range</b>	RT~180°C		
<b>Temp. Accuracy</b>	±1°C		
<b>Stroke Height</b>	200mm		
<b>Rotary Power</b>	40W	40W	
<b>Heating Power</b>	1KW	2KW	
<b>Shelf Material</b>	Stainless steel		
<b>Chamber Material</b>	SS 245*140mm	SS 265*160mm	SS 280*170mm
<b>Plate size</b>	280*330mm	350*330mm	
<b>Power Supply</b>	AC220/110V±10%, 50/60Hz		
<b>External Size(mm)</b>	700*330*785	740*330*970	760*330*1030
<b>Package Size(mm)</b>	600*460*470	990*620*470	
<b>Gross Weight</b>	21kg	40kg	42kg
<b>Standard Accessory</b>	1L rotary bottle*1, 1L collecting bottle*1	3L rotary bottle*1, 2L collecting bottle*1	5L rotary bottle*1, 3L collecting bottle*1,
<b>Optional Accessory</b>	Transparent bath cover, Explosion-proof transducer		
	Explosion-proof transducer, Explosion-proof motor EX40W		
	Vacuum pump, Recirculating chiller		



ALH RE-201D



ALH RE-301



ALH RE-501

# Rotary Evaporator

Model	ALH RE-1002	ALH RE-2002	ALH RE-5003
<b>Rotary Bottle</b>	10L flange Ø95	20L flange Ø95	50L (flange Ø125
<b>Collecting Bottle</b>	5L (Flange φ60~50)	10L (Flange φ60)	20L (Flange φ60~50)
<b>Condenser</b>	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)
<b>Charging Valve</b>	34# (Standard size)		40# (Standard size)
<b>Rotary Speed</b>	0~120rpm		
<b>Vacuum</b>	0.095Mpa		
<b>Temp. Range</b>	RT~180°C		
<b>Temp. Accuracy</b>	±1°C		
<b>Stroke Height</b>	180mm		
<b>Rotary Power</b>	120W		180W
<b>Heating Power</b>	3KW	5KW	8KW
<b>Shelf Material</b>	Coating anticorrosive		
<b>Chamber Material</b>	SS 350*220mm	SS 450*260mm	SS 550*320mm
<b>Plate size</b>	534*504mm	474*474mm	550*320mm
<b>Power Supply</b>	AC220/110V±10%, 50/60Hz	AC220V±10%, 50/60Hz	AC380V/220V±10%, 50Hz
<b>External Size(mm)</b>	930*560*1910	1000*600*2130	1330*730*2340
<b>Package Size(mm)</b>	1320*780*755	1350*670*720 680*680*790	1420*820*720 830*730*910
<b>Gross Weight</b>	107kg	136kg	186kg
<b>Standard Accessory</b>	10L rotary bottle*1, 5L collecting bottle *1	20L rotary bottle*1, 10L collecting bottle *1	50L rotary bottle*1, 20L collecting bottle *1
<b>Optional Accessory</b>	Explosion-proof transducer, Double collection bottle, Auto-lifting, Explosion-proof motor EX120W		
	Vacuum pump, Recirculating chiller		



ALH RE-1002



ALH RE-2002



ALH RE-5003