

Rotary Evaporator 0.1-5L



1. Three type condensers available for different operation needs.

- Standard condenser for normal use.

- Cold trap type for low boiling point solvent condensing.

- Integrated type for high requirement on vacuum sealing or high temperature operation.



2. PTFE sleeve - PTFE sleeve inside taper joint helps to prevent dead seizure, and increase sealing performance.

Digital display speed controller.

Vacuum meter - Vacuum meter equipped, offers convenience of quick vacuum reading.



3. Taper joint lock and release device - Enable a reliable lock of evaporating flask and offer convenience to taper joint flask release.



4. Lift heating bath

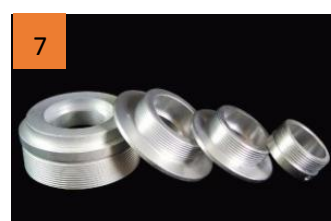
- Prevents movement of glassware which is safe and easy to operate. Bath equipped with intelligent temp. controller. Heating temperature up to 99°C for water bath and 150°C for oil bath, temp. wave within 2°C or 0.2°C.



5. Lid for water bath (optional) - Optional for water bath, can increase evaporation efficiency by 15% and save bath water by 60%. Safe and useful.



6. Precise transmission part.



7. High grade processing part.



Rotary Evaporator

Scraped Film Evaporator / Short Path (Molecular) Distillation System

Chemical Glass Reactor

High Shear Homogenous Emulsification Reactor

Pilot Ultrasonic Emulsification Reactor

Vacuum Filter / Glass Liquid Separator

Photochemical Glass Reactor

Hydrothermal Synthesis Reactor

High Pressure Reactor

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RE-52A

RE-52AA

**RE-2000A
RE-3000A**

Technical Parameters:

A:99°C Automatic lifting

AD:150°C Automatic lifting

AEx:99°C Automatic lifting, Whole anti-explosion system

ADEx: 150°C Automatic lifting, Whole anti-explosion system

Relevant Model	RE-52A RE-52AD RE-52AEX RE-52ADEX	RE-52AA RE-52AAD RE-52AAEX RE-52AADEX	RE-2000A RE-2000AD RE-2000AEX RE-2000ADEX	RE-3000A RE-3000AD RE-3000AEX RE-3000ADEX	RE-5203 RE-5203D RE-5203EX RE-5203DEX	RE-5203A RE-5203AD RE-5204AEX RE-5204DEX	RE-5205A RE-5205AD RE-5205AEX RE-5205DEX	RE-5000A RE-5000AD RE-5000AEX RE-5000ADEX
Rotating Flask(L)	0.5L	0.5L	2L + 1L	3L + 2L	3L	3L	5L	5L
Optional Rotating Flask(L)	0.1L, 0.25L, 1L or 2L	0.1L, 0.25L, 1L or 2L	0.1L, 0.25L, 0.5L	0.5L, 1L	2L, 1L	2L, 1L	3L, 2L, 1L	3L, 2L, 1L
Receiving Flask(L)	0.5L	0.5L	1L	2L, 1L	1L	1L	3L	3L
Lifting Type	Hand lifting	Automatic lifting	Automatic lifting	Automatic lifting	Hand lifting	Automatic lifting	Hand lifting	Automatic lifting
Condenser	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Rotation Speed (rpm)	0-150	0-150	20-200	20-200	0-150	0-150	0-150	0-110
Evaporating Speed (H ₂ O)	1.2L/H	1.2L/H	1.2L/H	1.5L/H	1.5L/H	1.5L/H	2L/H	2L/H
Reachable Vacuum Rate	< 133Pa (1.33mbar, 1 Torr)							
Bath Power (kw)	1.1KW	1.1KW	1.5KW	1.5KW	1.5KW	1.5KW	2.2KW	2.2KW
Staic Temp. Control Range & Wave (°C)	RT-99±2	RT-99±2	RT-99±2	RT-99±0.2	RT-99 (150) ±0.2	RT-99(150)±0.2	RT-99 (150) ±0.2	RT-99 (150) ±0.2
Power	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz

Note: Max evaporating speed is affected by operation setting and the performances and matching levels of supporting equipment.

"A"-Automatic lifting, "D"-150°C Oil Bath, "EX"-Explosion Protection, "AD"-Automatic Lifting 150°C Oil Bath, "AEX"-Automatic Lifting Explosion Protection.

Rotary Evaporator 0.1-5L Functional Configurations



RE-5203



RE-5205

RE-5203A



RE-5000

Technical Parameters:

A:99°C Automatic lifting

AD:150°C Automatic lifting

AEx:99°C Automatic lifting, Whole anti-explosion system

ADEx: 150°C Automatic lifting, Whole anti-explosion system

Relevant Model	RE-52A	RE-52AA	RE-2000A	RE-3000A	RE-5203	RE-5203A	RE-5205A	RE-5000A
	RE-52AD	RE-52AAD	RE-2000AD	RE-3000AD	RE-5203D	RE-5203AD	RE-5205AD	RE-5000AD
	RE-52AEX	RE-52AAEX	RE-2000AEX	RE-3000AEX	RE-5203EX	RE-5204AEX	RE-5205AEX	RE-5000AEX
	RE-52ADEX	RE-52AADEX	RE-2000ADEX	RE-3000ADEX	RE-5203DEX	RE-5204AEX	RE-5205ADEX	RE-5000ADEX
PTFE Seal Assembly	Have							
Continuous Charge	Have							
Digital Display	Bath Temp.	Bath Temp.	Bath Temp. Rotation Speed	Bath Temp. Rotation Speed	Bath Temp.	Bath Temp.	Bath Temp.	Bath Temp. Rotation Speed
Taper Joint PTFE Sleeve	Have							
Low Noise	Have							
Bath Lift	Have							
Thermometer Neck For Vapor	Optional							
Cold Trap	Have	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Water Bath Lid	Optional							
Joint Adaptor	Optional							
Optional Evaporating Flask	1L, 2L	1L, 2L	0.5L	0.5L, 1L	100ml, 250ml, 500ml, 1L	100ml, 250ml, 500ml, 1L	100ml, 500ml	250ml, 1L, 3L

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TOPTION Lab Solution For Rotary Evaporator

Evaporation speed is slow?

Vaporized solvent cannot be well collected?

Sudden bumping destroys everything you collected?

Trouble again on vacuum pump!

Awful smell all around in lab?...

Check differences
after using TOPTION
evaporation set!



TOPTION'S "Rotary Evaporation Set" will save you from these troubles. We hope you are able to work **fast, safe, and always**.