

## Evaporators, Rotary

RE500 Manual Lift/540 Motorized Lift

Model		
500A 540A	500B 540B	500C 540C
Glassware		
Standard Diagonal	Vertical	Refrigerant
Evaporating/Receiving Flask		
1.0 L		
Rotation Speed		
20 to 180 rpm		
Temp. Range (Water Bath)		
Room Temp. +5deg.C to 95deg.C		

High-performance type with operability and variegated functions.

RE500 series cope with various purposes with variegated rich functions, including a glass set adopting a new structure, rotational setting and display in digital form, and a vacuum regulator.

### Control Panel



● The rotation speed can be changed freely with a single adjustment of the knob. (Digital display)



### Features



● Motorized lift touch control



● Manual lift by simple knob adjustment. Simply turn and lift.



● Due to the variable rotary joint, the fixing part of rotary joint can be changed.



● Evaporating flasks are pulled out easily due to the pull-out structure for remaining flasks.



● The plastic removable hose connection for water cooling hose (O.D.9.8mm).



● Setting/measuring figures are displayed in form.



### BM400

● A high-capacity bath with a drain. Equipped with a cover to prevent burns.

## Specifications

<b>Model</b>	<b>RE500/540 (Rotary Evaporator)</b>
Rotational number control range	20 to 180rpm (Digital set and display)
Drive system	Worm gear system
Motor	Induction motor, 25W
Ambient temperature range	5deg.C to 35deg.C
Lift mechanism	Manual (RE500), Motorized (RE540)
Safety device	Over current protection (fuse)
Other supplemental system	Movable rotary joint / Distilling flask removal system / Power source for vacuum regulator
External dimensions(W×D×Hmm)	Approx. 420×340×580 (Glass set not included)
Weight	Approx. 14 kg
Power source 50/60Hz (Included Water bath)	AC 100V / 220V with external trans single phase, 13A / 5.9A
<b>Model</b>	<b>BM400 (Water Bath)</b>
Temperature range	Room temp. +5deg.C to 95deg.C
Temperature setting	Digital setting with ▲▼ key
Bath capacity	7.0 litter, 250(Dia.)×150(D)mm

## Custom Selection Chart

Model	Glassware			Water Bath	Lift		Vacuum Regulator
	A	B	C	BM400	Manual	Motorized	VR100
RE500A	●				●		
RE500A-V	●				●		●
RE500A-W	●			●	●		
RE500A-WV	●			●	●		●
RE500B		●			●		
RE500B-V		●			●		●
RE500B-W		●		●	●		
RE500B-WV		●		●	●		●
RE500C			●		●		
RE500C-V			●		●		●
RE500C-W			●	●	●		
RE500C-WV			●	●	●		●
RE540A	●					●	
RE540A-V	●					●	●
RE540A-W	●			●		●	
RE540A-WV	●			●		●	●
RE540B		●				●	
RE540B-V		●				●	●
RE540B-W		●		●		●	
RE540B-WV		●		●		●	●
RE540C			●			●	
RE540C-V			●			●	●
RE540C-W			●	●		●	
RE540C-WV			●	●		●	●

### Cooling Aspirator, "Neocool Aspirator"

(Optional accessory)



● This aspirator prevents discharge of dichloromethane, chloromethane, etc.

### Solvent Recovery Unit

(Optional accessory)



Model RT101

● This device extracts the organic solvent substances from gas generated by a rotary evaporator during concentration work, and prevents the discharge of dangerous matter.

### Glass Parts



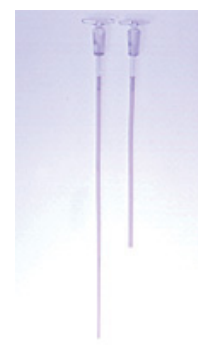
Condenser for A-type



Condenser for B-type



Condenser for C-type



Sample feed tube  
(for B & C type)



Receiving flask of 1L



Evaporating flask of 1L



Condenser connector  
(for B and C type)



Rotary joint  
(for A, B & C type)

### Optional Accessories



Evaporating flask  
2000ml, 500ml, 300ml,  
200ml, 100ml  
(TS 29/42 opaque & frosted)



Receiving flask  
2000ml, 500ml, 300ml,  
(S35/20)



Joint  
TS 29/42 to TS 29/38,  
TS 29/42 to TS 24/40,  
TS 29/42 to TS 19/38,  
TS 29/42 to TS 15/25,  
TS 24/40 to TS 24/40,  
(opaque & frosted)



Trap ball  
TS 29/42 to TS 29/42,  
TS 24/40 to TS 29/42,  
TS 24/40 to TS 29/42,  
(opaque & frosted)