

Evaporators, Rotary

RE400 Manual Lift/440 Motorized Lift

| Model | | |
|-------------------------------|--------------|--------------|
| 400A 440A | 400B 440B | 400C 440C |
| 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.

RE400 series cope with various purposes with variegated rich functions, including a glass set adopting a new structure, rotational setting, and a vacuum regulator.

Control Panel



- The rotation speed can be changed freely with a single adjustment of the knob.



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

| | |
|---|--|
| Model | RE400/440 (Rotary Evaporator) |
| Rotational number control range | 20 to 180rpm |
| Drive system | Worm gear system |
| Motor | Induction motor, 25W |
| Ambient temperature range | 5deg.C to 35deg.C |
| Lift mechanism | Manual (RE400), Motorized (RE440) |
| 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. 13 kg |
| Power source 50/60Hz (Included Water bath) | AC 100V / 220V with external trans single phase, 12A / 5.5A |
| Model | BM400 (Water Bath) |
| Temperature range | Room temp. +5deg.C to 95deg.C |
| Temperature setting | Digital setting with ▲▼ key |
| Bath capacity | 7.0 liter, 250(Dia.)×150(D)mm |

Custom Selection Chart

| Model | Glassware | | | Water Bath BM400 | Lift | | Vacuum Regulator VR100 |
|-----------|-----------|---|---|---------------------|--------|-----------|---------------------------|
| | A | B | C | | Manual | Motorized | |
| RE400A | ● | | | | ● | | |
| RE400A-V | ● | | | | ● | | ● |
| RE400A-W | ● | | | ● | ● | | |
| RE400A-WV | ● | | | ● | ● | | ● |
| RE400B | | ● | | | ● | | |
| RE400B-V | | ● | | | ● | | ● |
| RE400B-W | | ● | | ● | ● | | |
| RE400B-WV | | ● | | ● | ● | | ● |
| RE400C | | | ● | | ● | | |
| RE400C-V | | | ● | | ● | | ● |
| RE400C-W | | | ● | ● | ● | | |
| RE400C-WV | | | ● | ● | ● | | ● |
| RE440A | ● | | | | | ● | |
| RE440A-V | ● | | | | | ● | ● |
| RE440A-W | ● | | | ● | | ● | |
| RE440A-WV | ● | | | ● | | ● | ● |
| RE440B | | ● | | | | ● | |
| RE440B-V | | ● | | | | ● | ● |
| RE440B-W | | ● | | ● | | ● | |
| RE440B-WV | | ● | | ● | | ● | ● |
| RE440C | | | ● | | | ● | |
| RE440C-V | | | ● | | | ● | ● |
| RE440C-W | | | ● | ● | | ● | |
| RE440C-WV | | | ● | ● | | ● | ● |

Cooling Aspirator, "Neocool Aspirator"

(Optional accessory)



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

Solvent Recovery Unit

(Optional accessory)

**Model RT101**

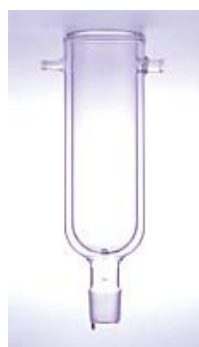
● This device extracts the organic solvent substances from gas generated by a rotary evaporator during concentration work, and prevents the discharge of dangerous matter.

Glass Parts

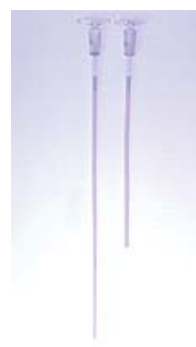
Condenser for A-type



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)