

**EYELA**

## Safety & Sound Laboratory New design for the optimal performance

New Rotary Evaporator N-1200 series!!

### **New** **Rotary Evaporator**

*N-1200 series*



N-1200A is effortless manual lift jack type and N-1200B is motorized jack type.

Wide selection is available. You can select from 3 types of bath. Your existing bath can be used as well.

F type glassware includes condenser, adaptor, and receiver flask with protective coating on their surface. Coating material is environmentally benign polyurethane resin and it prevents the dispersion of glass, excellent in chemical resistance, and high transparency.

Equipped with newly developed Teflon® vacuum seal. It maintains excellent durability and chemical resistance for long period of time even with high speed rotation.

V type (vertical) condenser can prevent the condensed solution to reflux into sample flask via capillary feed tube due to its unique design.

In order to minimize the solvent exposure, the lift up/down key of N-1200B is located at the front of main unit base so that to enable to operate with little opening space when installed in a fume hood.

**TOKYO RIKAKIKAI CO., LTD.**

## The Characteristic of Rotary Evaporator Model N-1200 series

### Prevent solvent retention



The structure is designed to minimize the solvent retention while condenser is being inclined.

### Prevent reverse flow



The structure is designed to prevent the reverse flow so the condensed solution will not drop on to the capillary feed tube. It can trap the solvent vapor more highly efficiently compared to the former type.

### Hose holder



Holder to bundle the hoses used for N-1200 system helps keep your lab table neat.

### Service AC outlet



Service AC outlet for bath is equipped to supply power from N-1200.

### Bath internal



The heater is not exposed. 2L flask can be used.

### Max. 280rpm high speed rotation



Rotation speed range is wide 5 to 280rpm. N-1200B comes with the rotation speed indicator.

### Specifications

Product	Rotary Evaporator	
Model	N-1200B	N-1200A
Rotation speed	20 to 280rpm	
Rotation setting	Volume setting / Digital display	Volume setting
Rate of evaporation	Max. 18mL/min (water)	
Safety feature	Fuse	
Lift jack up	Motorized lift (100mm)	Manual lift (100mm)
	Manual extension slide (130mm)	
Motor for rotation	Stepping motor	
Vacuum seal	Teflon® seal, single piece	
Stand base	T shape base	
Ambient for operation	5° C to 35° C	
Overall dimensions (mm)	520Wx355Dx700(930)H	520Wx355Dx700(930)H
Net weight	13.5kg	12.5kg

Product	Water Bath	Water/Oil Bath
Model	SB-1200	OSB-2100
Temperature range	RT + 5° C to 90° C	RT + 5° C to 180° C
Heater	1.05kW	1kW
Bath dimensions (mm)	Ø220x120H, 4.3L	Ø240x120H, 5.4L
Bath material	SUS304	Teflon coated aluminum
Overall dimensions (mm)	260Wx300Dx240H	278Wx296Dx236H

Glassware	
V type	Vertical double spiral condenser, condenser area 0.146m <sup>2</sup> , Sample flask 1L, Receiver flask 1L, Rotary Joint, VF type is coated glass (condenser & receiver flask)
S type	Inclined double spiral condenser, condenser area 0.146m <sup>2</sup> , Sample flask 1L, Receiver flask 1L, Rotary Joint, SF type is coated glass (condenser & receiver flask)
T type	Dewar bottle type, adaptor, Sample flask 1L, Receiver flask 1L, Rotary Joint TF type is coated glass (condenser, adaptor & receiver flask)

Specifications and appearance are subject to change without notice