

Products for Industry

Rotary Evaporator

RE801B-O

Item Code : 255444

Model : RE801B-O

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RE 801 B - W (main body RE 801 type + glass set B + oil bath BO 400 type)

Rotary Evaporator (RE801B-O)

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Product Summary

Highly functional type, Standard equipped with motorized lift, vacuum regulator, vapor temperature display functions

Features of Rotary Evaporator (RE801B-O)

Features

One touch electric lift for easy up and down movement.

Features

Digital setting and display for motor speed (rpm), vacuum and vapor temperature.

Features

Stable rotation at low and high speeds.

Features

Unique durable vacuum seal suitable up to 2L flasks.

Features

One touch operation for displaying and saving operating conditions.

Features

Equipped with lift-up switch in the event of power outage.

Features

Compact, fits into any fume hood.

Features

Universal power supply: works with 100-240VAC.

Features

Automatic distillation

Features

Continuous bath control

Features

Data on 53 solvents installed as default

Specifications

Specifications

Item Code	255444
Model	RE801B-O
Motor	DC brushless motor (for rotation)
Controller	Vacuum regulator VR800
Lift stroke	130 mm
Setting range of vacuum	0 to 981hPa
Measurable range of vacuum	0 to 1033hPa
Resolution of vacuum	1hPa
Setting range of hysteresis	1 to 50hPa
Resolution of vapor temperature indicator	Selectable (either 1°C or 0.1°C)
Readout of cooling water temperature	Depending on indicator (option)
Resolution of cooling water temperature indicator	1°C or 0.1°C
Operation modes	Free, fixed temperature, fixed temperature timer, descending, and descending timer, auto I (auto operation with continuous drying), and auto II (auto operation for distillation of single solvent)
Setting range of timer	1-999 minutes in increments/decrements of 1 minute for preset operations, 1-99 minutes for descending timer operations
Memory	10 programs for each operation
Data operation	53 kinds of solvent data

Speed (rpm) setting	Rotation: Control knob Vacuum adjustment: Key pad
Safety measures (drive unit)	Circuit breaker, rotor for overload protection, manual adjustment of lift's lower limit, lift-up switch during power outage
Safety measures (vacuum regulator)	Self-diagnostic functions, main unit / bath synchronized stop at malfunction, error display
Synchronized control feature	Selection of automatic bath stop or automatic insulation
Lifting feature	One-touch motorized lift system
External dimensions (W×D×H mm)	643×400×727mm
Remarks(dimensions)	When glass set B is installed. Lift-up time: 857 mm
Power Source	AC100 to 240V 1.5A
Weight	15kg
Remarks(weight)	Excluding glass · water bath / oil bath

Remarks(specifications)

Main body RE 801 type + glass set B + oil bath BO 400 type set item.

Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)

External dimensions do not include protrusions.

Optional items

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NO IMAGE

Distillation flask 200ml,
translucent ORG22
(RE301/601/801/RE201)

NO IMAGE

Distillation flask 300ml,
translucent ORG24
(RE301/601/801/RE201)

NO IMAGE

Distillation flask 500ml,
translucent ORG26
(RE301/601/801/RE201)

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Same series products

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A white rotary evaporator with a digital display and control panel, mounted on a base.

Rotary Evaporator (RE801C-W)

A white rotary evaporator with a digital display and control panel, mounted on a base.

Rotary Evaporator (RE801A-O)

A white rotary evaporator with a digital display and control panel, mounted on a base.

Rotary Evaporator (RE801A-W)

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