

# Products for Industry

Rotary Evaporator

**RE801C-O**

Item Code : 255445

Model : RE801C-O

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RE 801 C - O (main body RE 801 type + glass set C + oil bath BO 400 type)

## Rotary Evaporator (RE801C-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 (RE801C-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	255445
Model	RE801C-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

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



Cooling hose, (00)



Vacuum hose, 6mm I.D. x 15mm O.D. x 5m (1pc)



Distillation flask 100ml, translucent ORG20 (RE301/601/801/RE201)



### Same series products



Rotary Evaporator (RE801A-W)



Rotary Evaporator (RE801B-O)



Rotary Evaporator (RE801B-W)

