

# Rotary Evaporator

## RE100-Pro

For regular condenser  
and  
Coiled Vertical Dry Ice  
Condenser Models





### Features

- ❑ Easy to read large digital LCD screen displays heating temperature, rotation speed and timing
- ❑ Speed range from 20 to 280 rpm
- ❑ Large 5L water-oil heating bath with heating temperature range of RT to 180°C
- ❑ Heating bath with precise temperature control and adjustable safety circuit
- ❑ Detachable operating panel allows remote control
- ❑ Patented condenser (cooling surface 1,500 cm<sup>2</sup>) with excellent cooling effect
- ❑ Motorized lift with quick-action, automatic release evaporating flask to top position in case of power failure
- ❑ Adjustable final position recognition to protect operator and sample against breakage
- ❑ Evaporating flask with an ejector, convenient to remove
- ❑ Available with timer function to precise control processing
- ❑ Chemical-resistant double PTFE system and patented pressure spring provide excellent sealing
- ❑ PC can control and document all parameters via USB



Patented condenser with a 1,500 cmsq cooling surface

Fast motorized lift & automatic release of evaporating flask to the top position in case of power failure

Chemical resistant dual PTFE seals and patented pressure springs provide excellent sealing

Large 5L water/oil heating bath. Temperature range ambient to 180°C

Detachable operating panel for remote control

Easy to read large LCD screen displays heating temperature, rotation speed and timer

RE100-Pro LCD Digital Rotary Evaporator

**LCD display**

**Specifications**



Speed range:	20 - 280rpm
Temperature range:	Ambient - 180°C
Heat control accuracy:	± 1°C
Heat output:	1300W
Lift stroke:	150mm
Timer range:	1 - 99 mins
Reversible motor:	Yes
Power:	1400W
Motor type:	DC brushless
Dimensions:	18.3L x 18W x 23H inches
Weight:	33lbs
Voltage, Hz:	110V, 60Hz
Warranty:	2 years

## Ordering Information

Cat. No.	Description
61111201	RE100-Pro Rotary Evaporator including vertical condenser, evaporating flask and receiving flask, 110V, 60Hz
61110201	RE100-Pro Rotary Evaporator excluding glassware, 110V, 60Hz

## Accessories

18900165	Vertical condenser, 1000ml
18300116	NS 29/32 evaporating flask, 50ml
18300117	NS 29/32 evaporating flask, 100ml
18300118	NS 29/32 evaporating flask, 250ml
18300119	NS 29/32 evaporating flask, 500ml
18300120	NS 29/32 evaporating flask, 1000ml
18300121	NS 29/32 evaporating flask, 2000ml
18300107	KS 35/20 receiving flask, 100ml
18300108	KS 35/20 receiving flask, 250ml
18300109	KS 35/20 receiving flask, 500ml
18300110	KS 35/20 receiving flask, 1000ml
18300111	KS 35/20 receiving flask, 2000ml
18300112	KS 35/20 receiving flask, 3000ml
18300102	NS 29/32 spider 5 x 50ml flasks
18300103	NS 29/32 spider 5 x 100ml flasks
18300094	NS 29/24 glass connector
18300095	NS 29/19 glass connector
18300096	NS 29/14 glass connector
18300093	Foam break, 250ml
18300097	NS 29/32 Vapor tube
18100926	PTFE compound seal, including s/steel spring



Foam brake, 250ml  
NS 29/32  
Cat. No: 18300093



Vapor tube  
NS 29/32  
Cat. No: 18300097



Seal  
Cat. No: 18300098

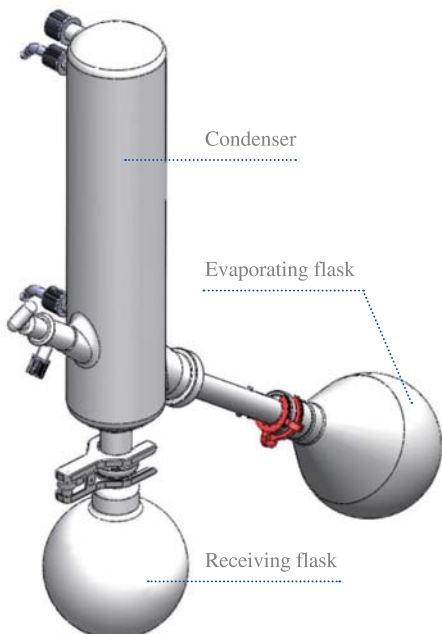
## Glassware

Compact vertical condenser for all standard distillations

Condenser type: vertical

Cooling surface: 1500 cm<sup>2</sup>

Cat. No: 18900165



Evaporating flask  
NS 29/32



Cat. No.	Volume
18300116	50ml
18300117	100ml
18300118	250ml
18300119	500ml
18300120	1000ml
18300121	2000ml
18300122	3000ml

Receiving flask  
KS 35/20



Cat. No.	Volume
18300107	100ml
18300108	250ml
18300109	500ml
18300110	1000ml
18300111	2000ml
18300112	3000ml



Spiders with 5 flasks  
NS 29/32

Cat. No.	Volume
18300102	50ml
18300103	100ml



Connector  
NS 29/32

Cat. No.	Size
18300094	NS 29/24
18300095	NS 29/19
18300096	NS 29/14