



 **PHOENIX**  
*Lab solutions* Instrument

  
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**Rotary Evaporator**

## The new Rotary Evaporator **RE-100D**



### All features at a glance

- Huge, easy-to-read LCD display, indicates temperature, speed and time
- Speed range from 20 to 280 rpm
- Large 5 l water/oil heating bath with heating temperature range of RT to 180 °C
- Heating bath with precise temperature control and adjustable safety circuit
- 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
- Interval operation left/right



### Specifications RE-100D

|                          |              |
|--------------------------|--------------|
| Voltage (V)              | 100-240      |
| Frequency (Hz)           | 50/60        |
| Power (W)                | 1400         |
| Motor                    | brushless DC |
| Speed (rpm)              | 20-280       |
| Speed display            | LCD          |
| Temperature(°C)          | RT-180       |
| Accuracy Heating (°C)    | ± 1          |
| Heating power (W)        | 1300         |
| Temperature display      | LCD          |
| Lift                     | Motor        |
| Stroke (mm)              | 150          |
| Timer control            | Yes          |
| Time display             | LCD          |
| Operation time (min)     | 1-999        |
| Dimension (mm)           | 600x450x820  |
| Weight (kg)              | 19           |
| Ambient temperature (°C) | 5 - 40       |
| Relative humidity        | 80%          |
| Protection class         | IP20         |
| USB-Interface            | Yes          |

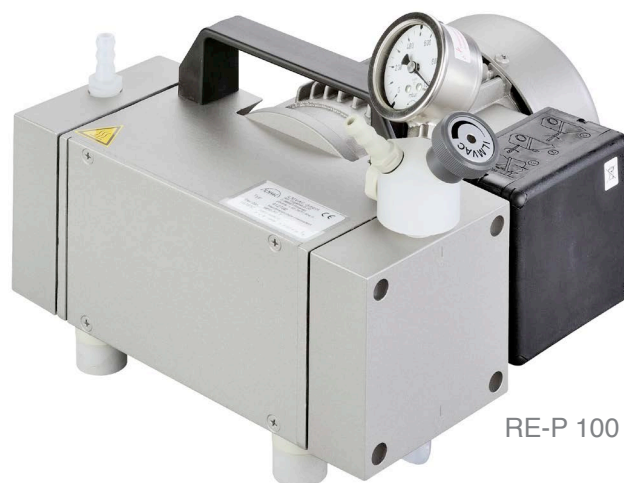


## Vacuum pumps

- RE-P 100 Vacuum membran pump, ultimate vacuum 8 mbar  
 RE-P 110 Vacuum-dosing block with manometer  
 RE-P 200 Pressure controlled vacuum-system, ultimate vacuum 2 mbar



RE-P 110



RE-P 100

More flasks, distilling spiders and further glass parts are available on request.

## Accessories

- RE-S 100 Vapor tube  
 RE-S 110 Seal
- RE-S 200 Vertical glas set  
 RE-S 250 Vertical glas set, coated
- RE-S 300 Evaporation flask 500 ml, NS29/32  
 RE-S 310 Evaporation flask 1000 ml, NS29/32  
 RE-S 320 Evaporation flask 2000 ml, NS29/32  
 RE-S 350 Evaporation flask 500 ml, NS29/32, coated  
 RE-S 360 Evaporation flask 1000 ml, NS29/32, coated  
 RE-S 370 Evaporation flask 2000 ml, NS29/32, coated
- RE-S 400 Receiving flask 500 ml, KS35/20  
 RE-S 410 Receiving flask 1000 ml, KS35/20  
 RE-S 420 Receiving flask 2000 ml, KS35/20  
 RE-S 450 Receiving flask 500 ml, KS35/20, coated  
 RE-S 460 Receiving flask 1000 ml, KS35/20, coated  
 RE-S 470 Receiving flask 2000 ml, KS35/20, coated
- RE-S 600 Foam brake
- RE-S 650 Distilling spider with 5 flasks (100 ml)



RE-P 200

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