



PHOENIX
Lab solutions Instrument



Rotary Evaporator

The new Rotary Evaporator RE-100D



improved cooler with
1,500 cm² cooling
surface with excellent
cooling effect



motorized lift with safety
function in case of
power failure

huge 5 L
water/oil-bath
up to 180 °C

huge display
for all parameter

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 cm² 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



RE-100D

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 glass set
 RE-S 250 Vertical glass 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