

Rotary Evaporator

Features:

- * The main frame is made of aluminum alloy, and the inner pot is made of 304 stainless steel, offering durability and an attractive appearance.
- * The sealing system utilizes a PTFE + FKM composite seal to maintain a high vacuum level.
- * An integrated condenser and upright double-layer serpentine coil ensure high recovery rates.
- * Electronic stepless speed regulation with forward and reverse rotation, fine-tuned by a knob, and a digital speed display for easy operation.
- * Thermostatic bath features an LCD digital display and a PT100 sensor at the bottom of the bath, dual temperature control, and dry-boil protection.
- * Manual weight-balanced lift for the main unit.
- * Dual fuses for rotation and heating provide enhanced safety.



Technical Parameters:

Model	RE-2012
Rotary Bottle	1L 29# Standard opening
Collecting Bottle	1L 35# Ball mill opening
Condenser	Vertical φ80*370mm
Charging Valve	19#(Standard size)
Rotary Speed	10~310rpm (Can rotate forward and reverse)
Vacuum	399.9Pa(3mmHg)
Temp. Range	RT~99℃
Temp. Accuracy	±1℃
Lifting Stroke	170mm
Rotary Motor Power	30W
Heating Power	1300W
Evaporating Speed	23ml/min
Sealing Part	PTFE+Fluororubber composite sealing ring
Condensing Area	0.15m²
Pot Capacity	4.6L
Power Supply	Standard: AC220 50/60Hz; optional: AC110 50/60Hz
Product Size(W*D*H)	600*400*(640~810)mm
Net Weight	11.5kg
Packing Size(W*D*H)	730*550*400mm
Gross Weight	16kg

Patented condenser
with cooling surface
1700cm²

Chemical-resistant
double PTFE sealing

Large digital LCD screen
displays heating temperature
rotation speed and timing



Motorized lifting for quick
and safe operation

Large 5L water-oil
heating bath

Designed a detachable
operating panel allows
remote control

Features:

- * Evaporating flask with an ejector, convenient to remove.
- * 5L water and oil bath dual-purpose heating pot, heating temperature can reach 180°C, easy to switch between water and oil bath heating modes.
- * Patented technology condenser, high recovery rate, condensing effect Outstanding.

Technical Parameters:

Model	RE 100-Pro
Item No.	6010110111
Evaporating Flask	1L(NS 29/32, 18300120)
Receiving Flask	1L(KS 35/20, 18300110)
Display	LCD
Rotating Speed	20~280rpm
Temp. Range	RT~180℃
Temp. Accuracy	Water bath: ±1℃; Oil bath: ±3℃
Lift	Motor
Stroke Height	150mm
Timing Range	1~999min
Motor	DC brushless motor
Heating Power	1300 W
Stroke Displacement	Automatic 150mm
Protection Class	IP20
Rotation	Reversible Direction
Interface	USB
Power	1400W
Power Supply	AC110/220V±10%, 50/60Hz(Customizable)
External Size(W*D*H)	465*457*583 mm
Package Size(W*D*H)	640*1100*650mm
Net Weight	15kg
Gross Weight	36kg
Standard Accessory	Condenser(1700cm²)*1, 1L Evaporating flask*1, 1L Receiving flask*1, 5L pot*1
Optional Accessory	Vacuum pump, Recirculating chiller



CCP5-Mini
Recirculating
chiller
(6032200220)



Flow Rate:	
mbar	L/min
1000	25
880	22
750	20
600	12
480	7.5
280	5

C410 Vacuum pump(18900389)
Specifications:
Maximum Vacuum:13mbar
Work Mode: Continuous Operation
Nozzle Size:8mm
Power: 95W
Motor speed:1450rpm